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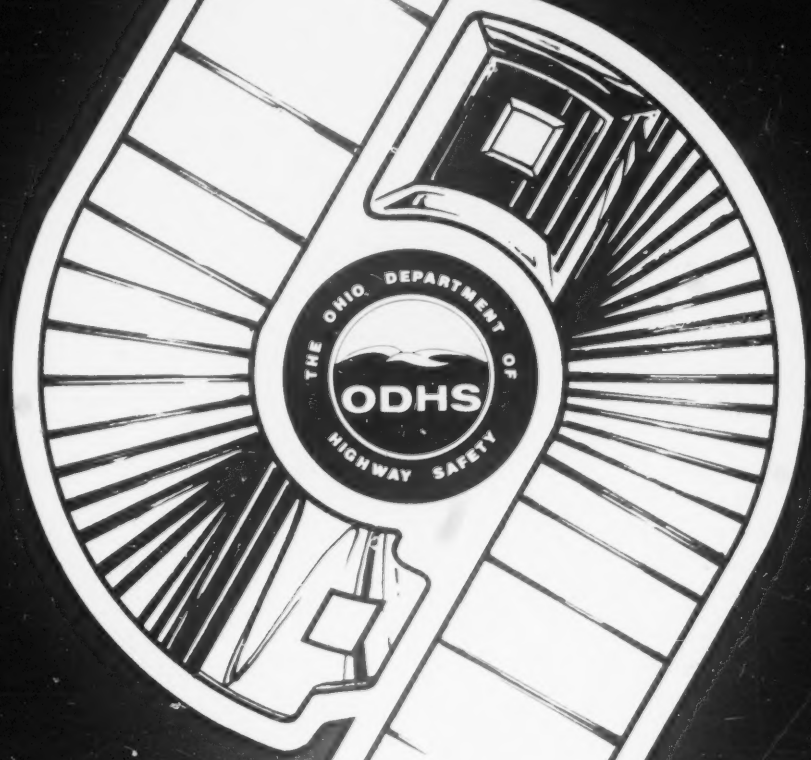
1986 Annual Report and Accident Facts



Richard F. Celeste
Governor

William M. Denihan
Director

Michael J. McCullion
Bureau of Motor Vehicles
Registrar

Col. Jack Walsh
Ohio Highway Patrol
Superintendent

Ohio Department of Highway Safety

Richard F. Celeste
Governor

William M. Denihan
Director

OHIO DEPARTMENT OF HIGHWAY SAFETY

RICHARD F. CELESTE
GOVERNOR

WILLIAM M. DENIHAN
DIRECTOR

State Highway Patrol

Bureau of Motor Vehicles

Dear Governor Celeste:

Please accept this annual report of the Ohio Department of Highway Safety for 1986. The document which follows highlights the activities and accomplishments of the Department's three divisions: Administrative Division, the State Highway Patrol, and the Bureau of Motor Vehicles.

As we approach the bicentennial of the Northwest Ordinance, we are reminded of the many contributions our pioneering forefathers made. They ensured the rich future we now enjoy as a leader among 50 states.

Today, Ohio carries its rich heritage of progress forward, ensuring a prosperous future for generations to come. This leadership is evident in our progress toward safer highways in Ohio.

Ohio enjoys an excellent reputation for its record in highway safety; in fact, Ohio has a lower fatality rate of 2.14 per 100 miles traveled, compared to the national average of 2.24. We are working towards greater progress through our efforts in the areas of legislation, education, regulation, and enforcement. We feel the 227 "Saved by the Belt" awards presented to crash survivors in 1986, the most issued in the program's three-year history, is a fine example of this progress.

The passage of Ohio's mandatory safety belt usage law, signed into law February 1986, was the most important step. The law, enacted in May 1986 and actively enforced since July 1986, has promoted a tremendous increase in belt usage, a trend which will continue with our educational and enforcement activities.

Our work toward the goal of safer highways can best be achieved through this proven formula of enacting better legislation, educating better motorists, and providing strong, consistent enforcement of existing traffic laws.

With your continued support and that of the Ohio General Assembly, we can build upon our successes and continue to ensure that Ohio's highways are among the safest in the nation.

Sincerely,

WILLIAM M. DENIHAN
Director

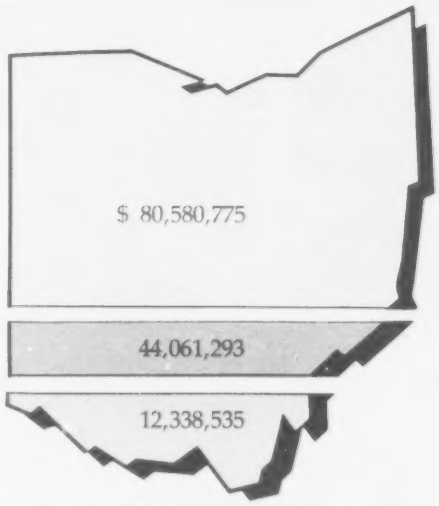
240 Parsons Avenue / P. O. Box 7167 / Columbus, Ohio 43266-0563 / 614-466-2550

Sources of Funding: Ohio Department of Highway Safety, 1986

58.8% gasoline

32.2% vehicle registrations, driver licenses, and BMV fees

9.0% self-supporting accounts



$136,980,603

The Ohio Department of Highway Safety

In 1986, Ohioans traveled more than 78 billion miles on Ohio's 111,819 miles of roadway. During this time the fatality rate was reduced from 2.17 to 2.14 per million miles driven. This rate was the lowest ever recorded in Ohio.

Anyone who is licensed to drive in Ohio—more than 7.4 million people—will come in contact with the Ohio Department of Highway Safety because the Department administers and enforces the laws relating to the registration, licensing, and operation of motor vehicles.

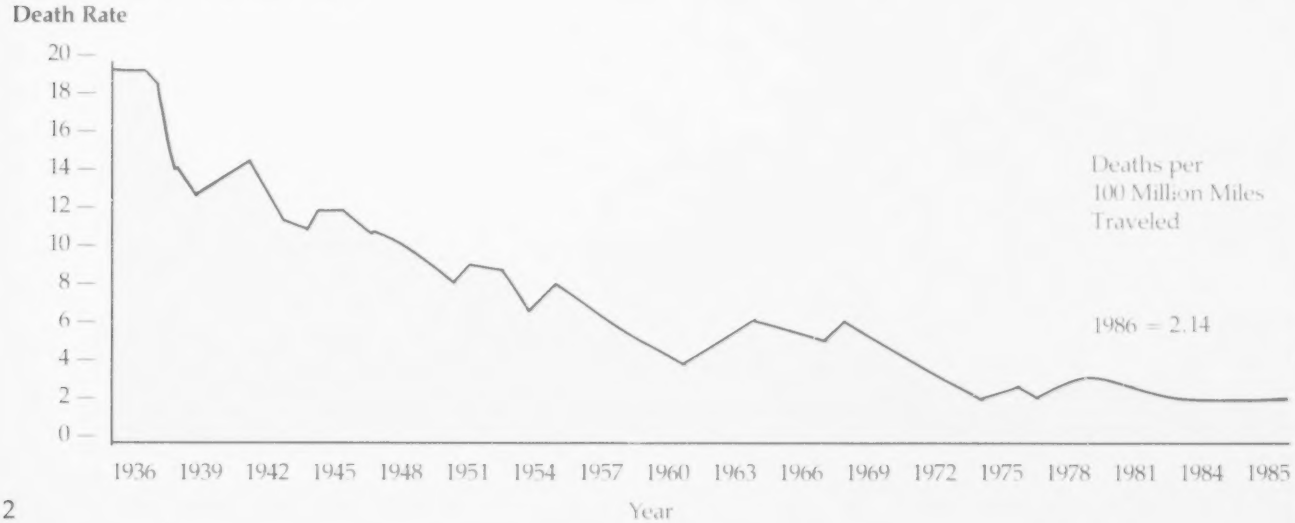
The function of the Department's three divisions, the Administrative Offices, the Bureau of Motor Vehicles, and the State Highway Patrol are education, regulation and enforcement respectively. The Governor appoints a Director to head the Department.

The Department is one of the few cabinet-level agencies which is required by law to educate the public. Many awareness campaigns are designed to prevent traffic accidents or reduce the seriousness of injury in accidents.

FUNDING

The funding for the three divisions comes from a variety of sources. While the bulk of the Department's funding comes from tax revenue generated from the sale of motor vehicle fuel, vehicle registration and licensing fees, the balance of the budget comes from a number of self-supporting accounts, including federal grants made available from the U.S. Department of Transportation. The Department carries out its efforts through its three divisions from these funding sources.

Death Rate: 1936-1986



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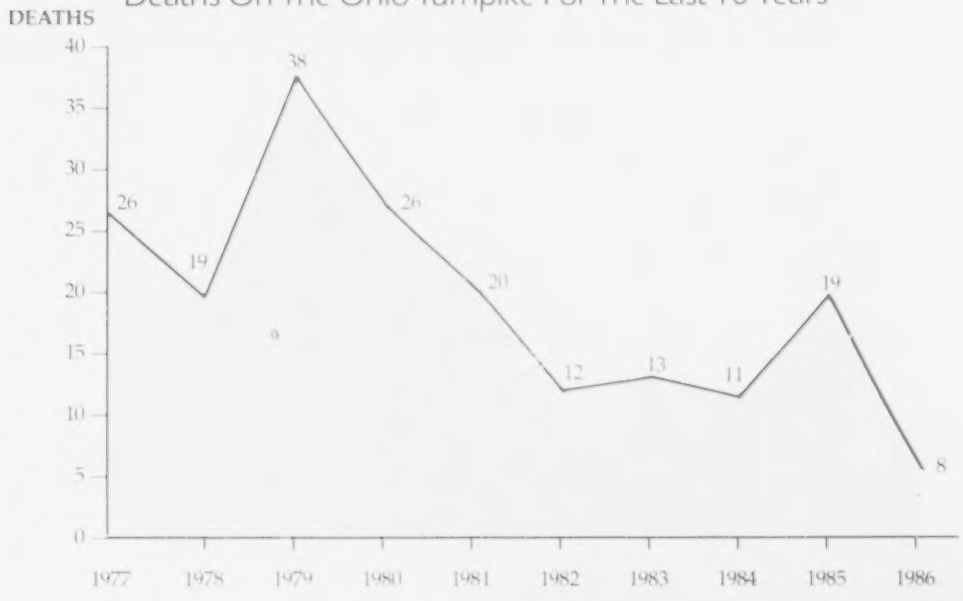
Highlights of 1986 Activities

• The Ohio Turnpike experienced its lowest fatal accident ratio per 100,000,000 miles traveled in its 31-year history. That highest-ever level of safety was accomplished despite record traffic volume.

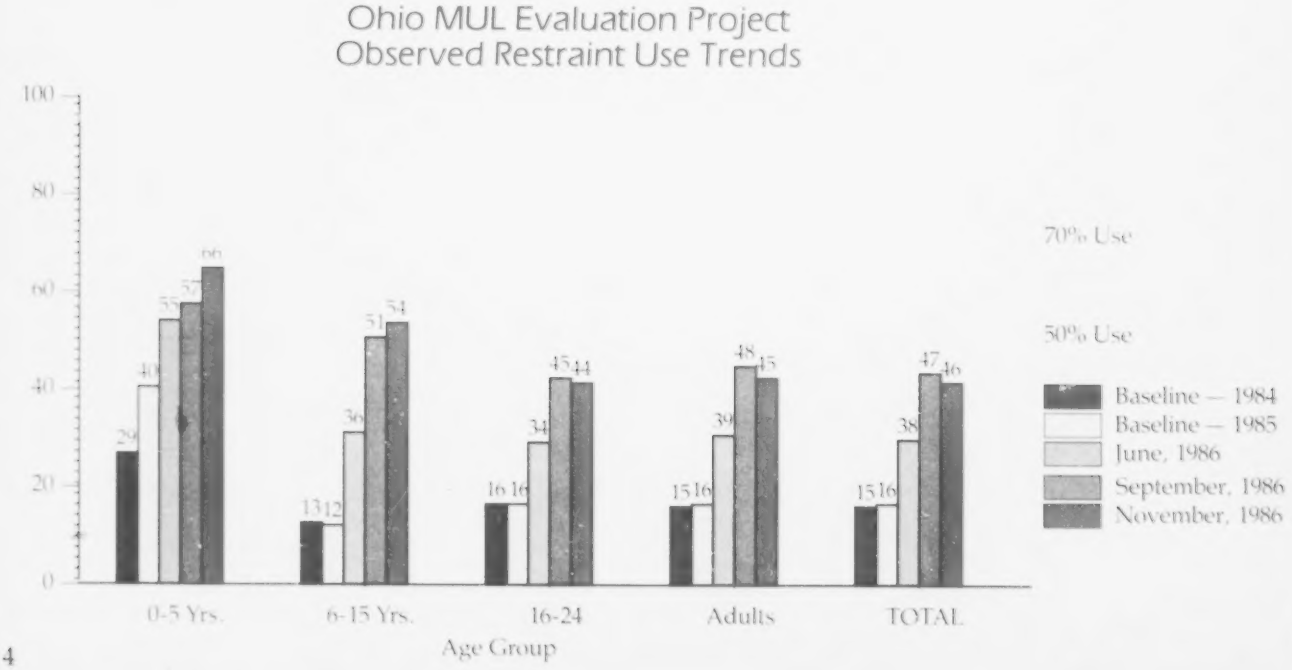
Deaths On The Ohio Turnpike For The Last 10 Years



Governor Richard F. Celeste breaks with tradition, and signs Ohio's mandatory safety belt bill into law with one of the department's promotional safety belt pens. Celeste signed the bill into law during a press conference on February 4, 1986. Also present are Sen. Paul Pfeifer, Rep. Art Bowers and Rep. Bob Hagan, the legislators who assured the bill's passage.

• The Highway Patrol tied for first place in the state agency division of the 1986 Best Dressed Police Department Competition. Ohio tied with Rhode Island State Police in the contest sponsored annually by the National Association of Uniform Manufacturers and Distributors.

• Ohio's safety belt law was enacted May 6 followed by a two-month public information campaign in which over 60,000 written warnings were distributed to violators. Compliance rose from 15% on July 1st to 48% by December 31st.



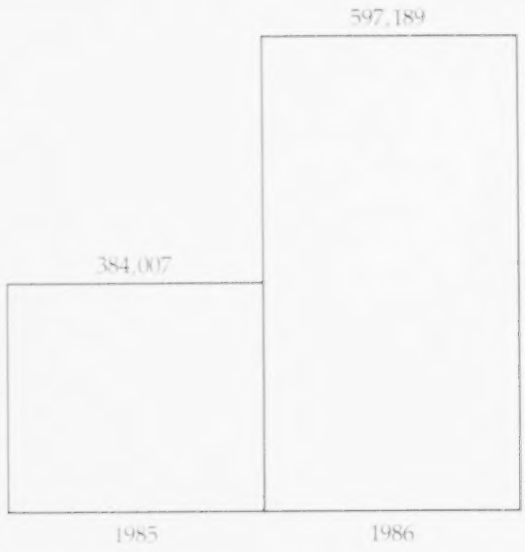
• More than one million Ohioans have signed the anatomical donor portions of their drivers' license, since the implementation of the organ donor program in 1983. The Department and the Bureau received top honors in a national public affairs competition for the Department's "Give Life" campaign for National Donor Awareness Week in April.

• House Bill 382 was signed into law by Governor Celeste making it more difficult to commit odometer fraud. An Odometer Task Force was created to enforce regulations pertaining to odometer fraud violators.

• The Governor's Motor Carrier Advisory Committee (MCAC) was established to deal with motor carrier issues and make recommendations to the Governor and General Assembly. The MCAC submitted to the Governor a report consisting of 50 recommendations to improve the function and overall health of the trucking industry in Ohio. The Governor appointed Director Denihan to serve as co-chairman of the MCAC.

• A stronger DUI bill was signed by the Governor. It requires the courts to impose the same license suspensions for violations of municipal ordinances which prohibit the operation of a motor vehicle while under the influence of alcohol or drugs.

• The Department produced a successful alcohol awareness campaign, "Surviving the Holidays." The campaign was launched to help Ohioans celebrate the holidays responsibly by developing a set of promotional materials with "tips to live by" during the holidays and all year long.



From 1985 to 1986 there was a 55 percent increase in the number of Ohioans who signed the donor portion of their driver's license.

Director William M. Denihan (center) worked with corporate leaders such as James Sagester, corporate safety director for the Ohio Bell Company (left) and Robert V. Benjamin, vice president of employee relations at Columbia Gas of Ohio in bringing the "Surviving the Holidays" message to hundreds of employees in central Ohio.

• The Department signed and implemented its first labor contract with Fraternal Order of Police for Highway Patrol officers and with OCSEA/AFSCME for the three divisions.

• A new driver's license examination facility was opened in Centerville to better serve the growing population in Montgomery and surrounding counties.

• The Highway Patrol hosted the 20th Annual Workshop of the International Association of Chiefs of Police State and Provincial Police Planning Officers Section in July. Planning officers from 34 different state police and patrol agencies and Canada met in Columbus for the five-day conference.

• Awards were presented at the Governor's Traffic Safety Committee's Annual Conference to outstanding highway safety activists in October.

Recipients of the Felty Award since 1973 were reunited at a special tribute during the 1986 GTSC conference held October 16 in Columbus. Special plaques were made for each winner and are on display outside the Director's office in Columbus.

From left to right... Director William M. Denihan and Felty Award Winners: 1984, James Schaffner, Manager, Dayton Area Chamber of Commerce Safety Council; 1985, Akron Automobile Club, Richard Duffy, General Manager; 1977, Joseph A. Wolfe, then Director of the Columbus Area Chamber of Commerce; 1980, Colonel Robert Chiaramonte, retired Superintendent and former ODHS Director; 1983, Jean Werts, then Director of Women's Activities for the Ohio Farm Bureau Federation; 1982, the Ohio Highway Patrol, Col. Jack Walsh, OHP Superintendent; and 1974, Hugh DeMoss, then newscaster, WCMH-TV, Columbus. Bottom row: 1979, Wilbur "Bill" Stuckey, Cooperative Extension Service, OSU, Mrs. Eloise Stuckey accepting; 1980, Robert L. Combs, then Director of Traffic Safety for the Ohio Automobile Club in Columbus; 1978, Earl O. Smith, then Executive Director of the Ohio Association of Chiefs of Police; 1986, New Philadelphia Municipal Court Judge Edward O'Farrell.

• The Department began and conducted Highway Safety Days, visiting 19 Ohio communities. Director Denihan also participated in four Capital for a Day programs with Governor Celeste.

• A program to test the effectiveness of a Highway Emergency Hot Line was instituted in the Columbus-Dayton-Cincinnati area. The toll-free 1-800-525-5555 was made available to motorists in these areas to report highway problems and emergencies. The program will be expanded to serve the entire state in 1987.

• Ohio's first Traffic Records/Highway Safety Review Team was established. This program offers help to local governments in reducing motor vehicle accidents by improving both their traffic law enforcement and traffic engineering programs.

• The Bureau implemented five regional offices in the Enforcement Section which eliminated more than 105,000 information calls from coming into the main offices.

• Trooper Susan M. Clayman earned the prestigious J. Stannard Baker Law Enforcement Traffic Safety Award for developing and implementing a program to promote the use of safety belts among children and their families. The J. Stannard Baker Award is sponsored annually by the National Highway Traffic Safety Administration and the Northwestern University Traffic Institute.

• Ohio was selected as one of four states for the pilot program of the National Driver Registry (NDR). NDR is a clearinghouse for information on all drivers who are licensed to drive in the United States. The Bureau can use the records at NDR to check the driving status of drivers who relocate to Ohio from other states.

Cities with completed safety program reviews in 1986

Polly Percifield is one of many Ohioans who have received a "Saved by the Belt" award since the safety belt law took effect. Percifield received the award at the 1986 Ohio State Fair. The "SBTB" program recognizes Ohioans involved in automobile accidents who survived by wearing their safety belt.

Assistant Director Robert E. Prease

Deputy Director Cathy Copeland Mock

Administrative Division

The Administrative Division supports the activities of the Bureau of Motor Vehicles and the Highway Patrol.

Headed by the Director's Office, this division consists of 11 offices and 85 employees. These duties of these offices include providing communities with technical assistance and funding, producing education and awareness programs, compiling and analyzing information about traffic accidents in Ohio, preparing the Department's budget, and administering the collective bargaining program and the state's employment and equal opportunity policies.

Each office section is described below.

The Office of The Governor's Highway Safety Representative (GHSR)

The Office of the Governor's Highway Safety Representative is a conduit through which federal funds are allocated to address highway safety needs within the state. The funding is allocated to various political subdivisions throughout Ohio. This office distributed $2,158,000 of federal shares for local benefit.

Public Information

The Public Information Office develops and produces all informational and educational programs, displays and literature, a monthly newsletter, brochures, films and audio-visual materials, campaign packages, television programs, and public service announcements for radio and television. This office maintains a film library which offers groups throughout Ohio a wealth of films and videotapes at no charge.

Field Services

This section provides direct, personal contact with law enforcement agencies, schools, civic organizations, industry, safety councils, news media, and the general public in eight service areas around the state. They also provide traffic safety expertise to promote traffic safety programs in their designated districts.

Accident Records

The Accident Records Section serves as the central depository of the nearly 375,000 accident reports received annually from local law enforcement agencies across the state. Local police and highway engineers use the data in identifying and correcting traffic safety problems.

Motor Carrier Activities

During 1982 to 1985, incidents involving heavy truck crashes in Ohio increased at the alarming rate of 47%. As a result, this section was established within the department in early 1986.

This section develops programs and projects aimed at the motoring public as well as the trucking industry to help both groups share the road more safely.

Legal

The legal section attends all legal questions within the Department.

Legislative

This section provides information and testimony to the Ohio General Assembly concerning all past, current and proposed legislation that affects the Department.

Business Administration

The Business Administration Section is divided into two units, the Central Fiscal Office and Maintenance Support. The Central Fiscal Office prepares the Department's budget, and pre-audits and processes all invoices received for goods and services used within the Administrative Division.

Maintenance Support keeps inventory of printed materials and publications, and manages and maintains the Department's fleet vehicles. It also designs and assembles many safety and informational displays used in statewide campaigns.

Personnel

This office coordinates the personnel actions of the Administrative Division, the Bureau of Motor Vehicles, and the Highway Patrol. It also handles all training, employee incentive programs, employee suggestion awards, and recruitment.

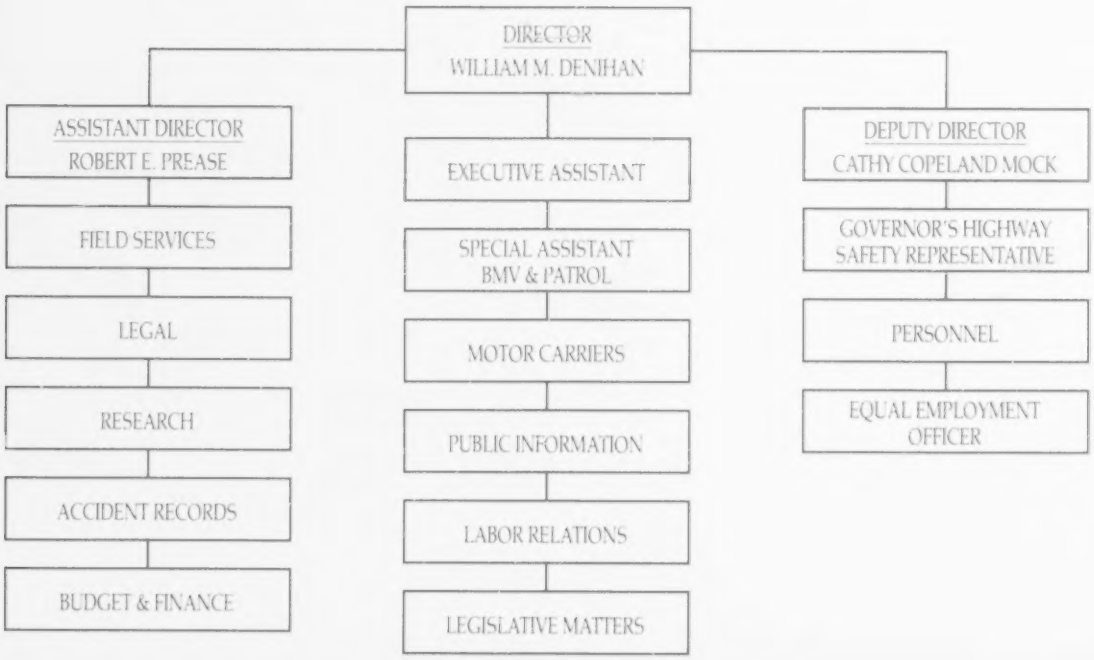
EEO/Safety and Health

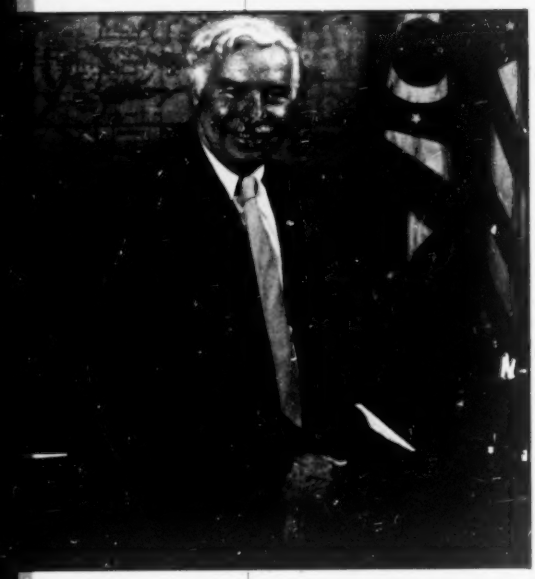
This section develops, implements, and coordinates all facets of the Department's Equal Employment Opportunity Program and the Employee's Safety and Health Program.

Labor Relations

This section coordinates the labor relations activities of the Department's three divisions, including labor contracts. The two contracts administered in the Department are the FOP contract, affecting troopers and communications personnel in the Highway Patrol, and the OCSEA/AFSCME contract which covers primarily clerical, professional, and maintenance employees in the three divisions.

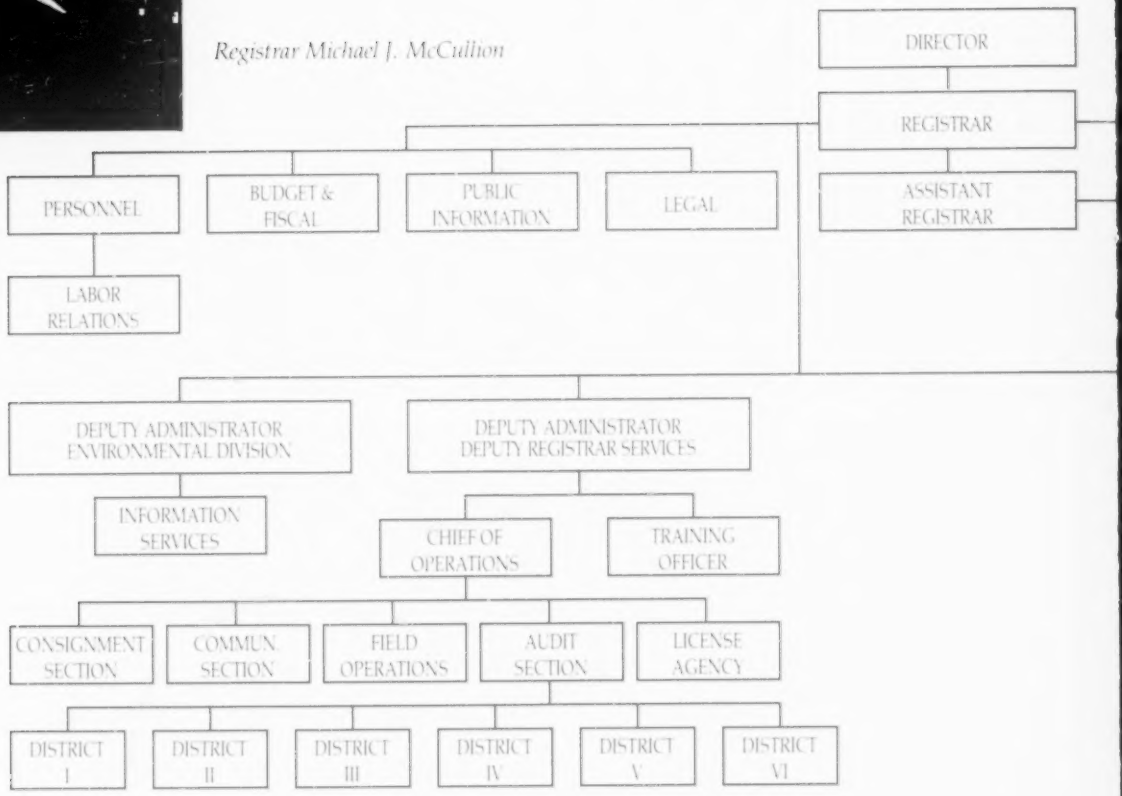
ADMINISTRATIVE DIVISION ORGANIZATIONAL CHART





Registrar Michael J. McCullion

BUREAU OF
MOTOR VEHICLES
ORGANIZATIONAL CHART



Bureau of Motor Vehicles

The Bureau of Motor Vehicles is headed by a Registrar who is appointed by the Director of Highway Safety. The Registrar in turn appoints 272 deputy registrars responsible for issuing motor vehicle operator's licenses, license plates, and registrations in Ohio communities.

The Bureau is the source of identification cards, handicap parking cards, motor vehicle dealer and salesperson licenses. They also maintain motor vehicle accident reports which are reviewed to determine probable fault and to assist the damaged party involved.

The Bureau has 850 employees and is organized in 17 sections, each with specific responsibilities in the regulatory and licensing functions. The following is a description of each of these sections.

Purchasing and Support

This section procures all office supplies, equipment, services, and outside printing orders and services the operational needs of all Bureau sections and state-wide deputy registrars. During 1986, this section implemented a computerized automated inventory control system for all fixed assets of the Bureau.

Public Information

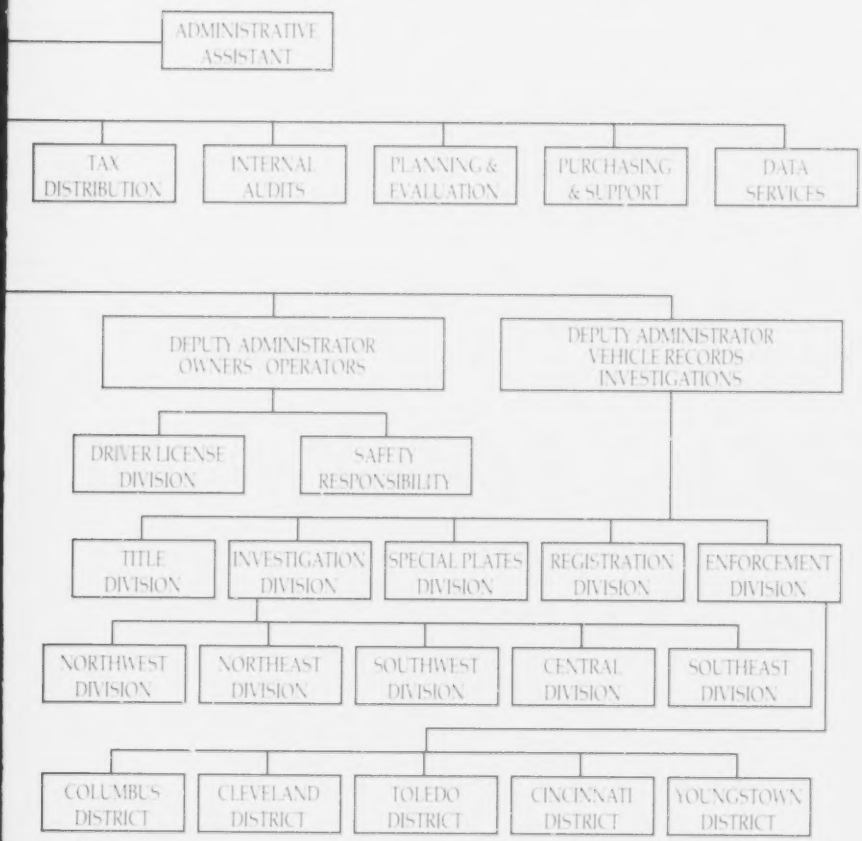
The Public Information Section handles news media and general public information inquiries and produces a monthly internal newsletter.

Motor Vehicle Investigation

The Motor Vehicle Investigation Section reviews vehicle and salvage dealers and salespersons and inspects vehicle auctions and shows. It conducts investigations according to complaints received from the auto industry, private citizens, and/or law enforcement agencies. The section also files appropriate charges pertaining to the findings of their investigations.

Information Services

The Information Services Section processes all incoming and outgoing mail and handles all calls that come in through the the Telephone Information Center.



Personnel/Labor Relations

The Personnel Labor Relations Section interprets laws, rules, and regulations governing Civil Service employees, advises management level personnel on labor agreement interpretation and application, processes all personnel actions affecting the Bureau's employees, and handles all employee orientation and training programs.

Enforcement

The Enforcement Section enforces laws pertaining to the Financial Responsibility Act, driver license requirements in accordance with the Ohio Revised Code and other laws governing the responsibilities of Ohio motorists. This section also recovers suspended or revoked licenses and

registrations from violators who fail to comply with court or administrative orders to surrender such items as a result of traffic violations.

Vehicle Registration

The Vehicle Registration Section issues and renews governmental, dealer, fictitious, undercover, veteran and POW plates. It also microfilms vehicle registration applications received from the deputy registrars, provides vehicle searches, and sorts applications for future referral. This section is the clerical record keeper for the Salvage Dealers Licensing Board and the Motor Vehicle Dealers Board.

Title Section

This section maintains copies of all motor vehicle titles issued throughout the state, including the administration of laws governing vehicle titles.

Special Plates

The Special Plates Section provides personalized plates, plates for organizations such as radio and television stations, volunteer firefighters, churches, the handicapped, and other groups.

Driver License

The Drivers License Section handles driver convictions, points, suspensions and medical restrictions, and administers driver license provisions in accordance with Ohio law. It also maintains microfilm files of driver license applications, identification cards, examination forms and six-point warning notices.

Planning and Evaluation

This section reviews requested projects and makes recommendations to the Registrar. Additionally, this section provides support services to all other sections in development of long and short-range proposals.

Deputy Registrar Services

Deputy Registrar Services regulates and provides support services for the deputy registrars. It also serves as a liaison between the deputy registrars and various internal sections to ensure the policies of the divisions are followed.

Cashier Section

The Cashier Section deposits all monies received by the Bureau, reconciling bank statements for the deputy registrars, and examines all data collected from deputy terminals for discrepancies and deputy corrections. This section also performs monthly audits of all deputy registrar bank accounts.

Budget and Fiscal Accounting

Budget and Fiscal Accounting prepares and presents the Bureau's biennium budget requests, provides financial advice to the Registrar, develops and maintains a system of integrated fiscal controls and conducts an ongoing review of financial expenditures. This section also prepares fiscal reviews necessary for Controlling/Emergency Board requests.

Safety Responsibility

This section administers the provisions of the Financial Responsibility Law. This includes the processing of all accident reports and establishing administrative suspensions of noncompliance cases. This section establishes all administrative hearings, responds to public inquiries, and provides transcripts for courts. It also processes all insurance filings and cancellations, all license reinstatement fees, and all license suspensions for convictions, points, and judgments.

Data Services

The Data Services Section develops and maintains all computerized applications for the Bureau. This includes installation and maintenance of system and application software for the Bureau and deputy registrar.

Tax Distribution

This section distributes revenues generated from the sale of license plates and a local permissive tax fee to each county and taxing district throughout the state on a monthly basis. The tax fees are returned to local governments for road maintenance and repair according to a formula set by law.

The BMV processed 9,000 nonresident violator's compact cases. These cases involve Ohio motorists who collect a traffic citation in another state. A file is maintained to make sure motorists pay these fines.

The State Highway Patrol

The Director of Highway Safety appoints the Patrol Superintendent, who holds the rank of Colonel and commands the organization. The Highway Patrol's headquarters staff includes a Lieutenant Colonel who acts as chief of staff and oversees the planning division. Five Majors supervise Inspection and Standards, Field Operations, Personnel, Academy and Recruitment, and Field Services.

Field operations throughout Ohio are managed closely through ten district headquarters, each commanded by a captain assisted by lieutenants who are assisted by sergeants. These post commanders are responsible for a complement of troopers assigned to the road.

The division maintains a physically fit and well-trained force ready to respond to any situation. This may include violations of criminal laws on state-owned or leased property, or if directed by the Governor, assisting in disaster relief or riot protection.

The following is a highlight of the Highway Patrol's Sections.

Superintendent
Colonel Jack Walsh

Field Operations

The Field Operations command monitors all line functions within the division. These areas include: enforcement policies and procedures, accident investigations, traffic control, criminal investigations, activities of crime lab, aviation, driver licensing, school bus inspection and licensing, church bus inspection, driver training, and motor vehicle inspection.

There are three General Headquarters sections under the Field Operations command: Investigation, Driver and Vehicle Services, and Aviation.

- Investigation

Investigation officers conduct criminal investigations which fall within the jurisdiction of the division. Included within this section is the crime laboratory and the administration of the polygraph and forensic hypnosis programs.

- Driver and Vehicle Services

The Driver and Vehicle Services Section administers commercial driver training school and instructor licensing, the testing of motor vehicle license applicants, random motor vehicle inspection throughout the state, and school and church bus inspections.

- Aviation

The Aviation Section provides a wide range of traffic safety, public service, and anti-crime services. Division pilots conduct traffic law enforcement from the air; make rapid relays of blood, organs, and serums; and conduct searches for missing persons.

Personnel Administration

Personnel Administration maintains employment records of over 2,000 employees. Payroll, insurance, health maintenance, employee evaluation, and labor relations are all functions of the division handled within the Personnel command.

Academy and Recruitment

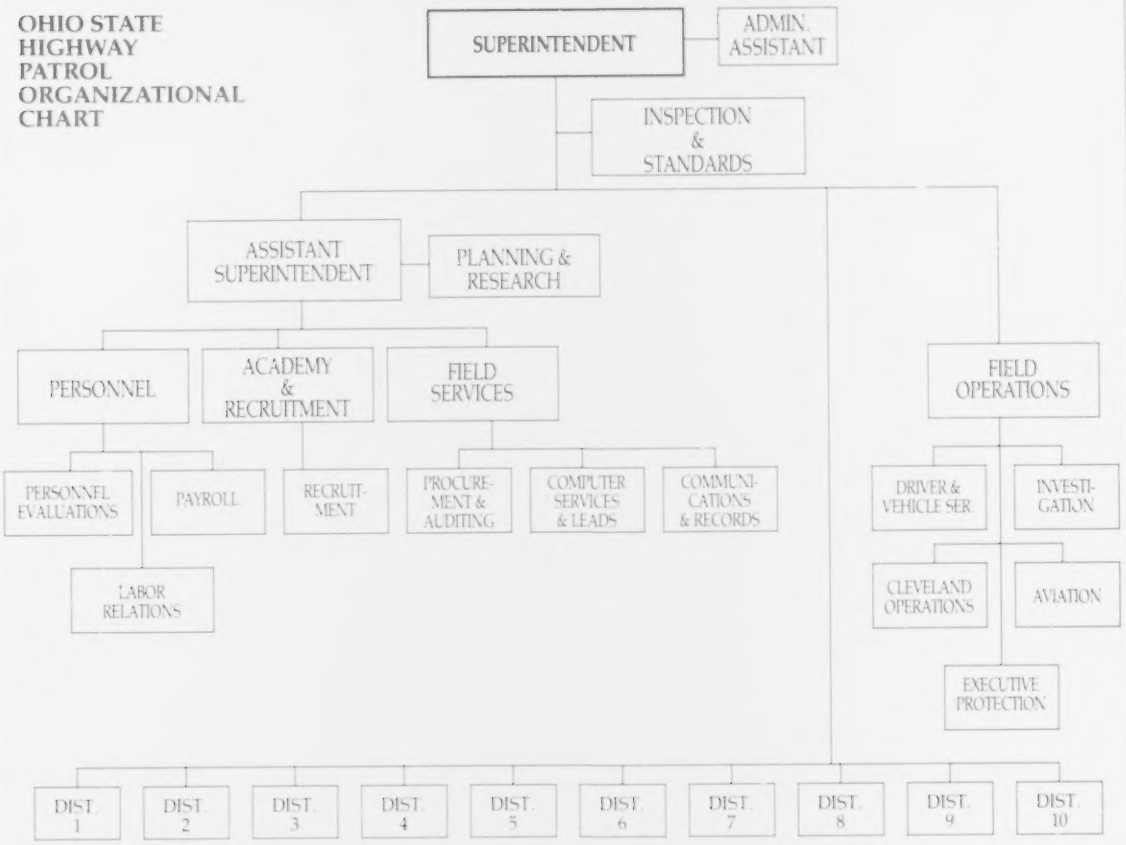
The Highway Patrol Academy staff provides comprehensive professional training for troopers, local officers, and other members of the criminal justice system. Highway Patrol cadet and basic police training is available for new law enforcement recruits as well as in-depth, specialized courses designed to broaden the knowledge of veteran officers.

Field Services

All records of functional activity and communications services are maintained and generated within Field Services as well as the Law Enforcement Automated Data System (LEADS) and all computerized management information systems.

Field Services purchases or leases all equipment and supplies used by members of the division. The three sections within this command include Procurement and Auditing, Computer Services and LEADS, and Communications and Records.

OHIO STATE HIGHWAY PATROL ORGANIZATIONAL CHART



• Procurement and Auditing

Procurement and Auditing personnel purchase or lease supplies, equipment, and buildings for the division and plan the Highway Patrol's biennial budget.

• Computer Services and LEADS

Computer Services and LEADS provides division administrators with comprehensive management information reports. The LEADS System provides Ohio police officers with fast, accurate information about wanted persons, vehicles, drivers' licenses, and other data. LEADS interfaces with NCIC (National Crime Information Center) in Washington, D.C., the National Weather Service, and also provides terminal users direct communications with all states.

• Communications and Records

Communications personnel fulfill communication services, record keeping and photography needs for investigative and identification purposes. In 1986, new base station radios and telephone systems were installed at every post and district headquarters. General Headquarters began direct data entry of division motor vehicle accident information into the statewide Integrated Traffic Record System (ITRS).

Inspections and Standards

In-depth management appraisals of post operations and administrations are conducted by the Inspections and Standards command to develop the knowledge, skill, and attitudes of the division's field commanders. The processing of citizens' complaints against division employees are also handled by this section. All legitimate complaints are investigated completely and reviewed by the Inspections and Standards commander.

Planning and Research

Planning and Research administers the federally-funded enforcement programs for the posts and district headquarters. Other duties include the dissemination of public information through the media, the preparation of informative management reports, and the administration of division awards programs.

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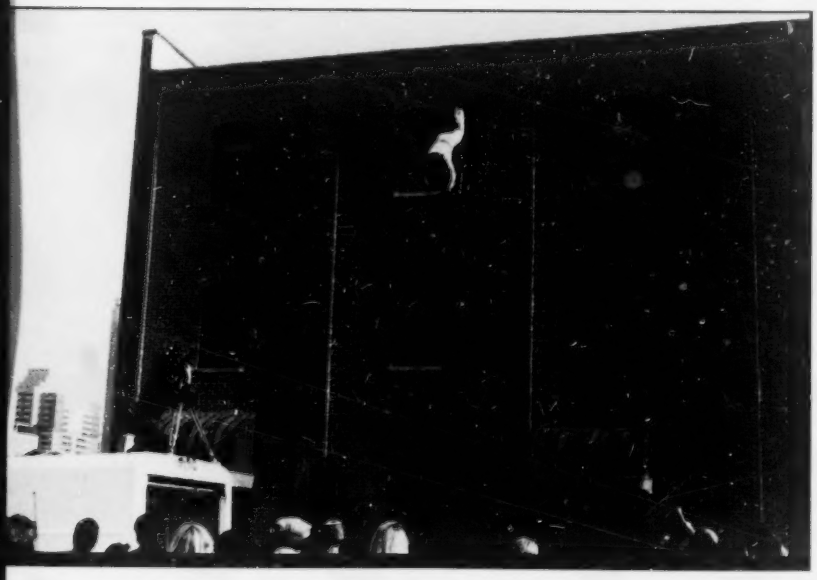
1986 Ohio Motor Vehicle Crash Highlights

ACCIDENTS:	
Fatal Accidents	1,503
Injury Accidents	119,729
Property Damage Only Accidents	248,151
Total Codeable Accidents	**369,383**
INJURIES:	
Fatal Injuries	**1,673**
Serious Visible Injuries	13,948
Minor Visible Injuries	72,936
Non-Visible Claimed Injuries	105,080
Total Non-Fatal Injuries	**191,964**
DRIVERS:	
Total Licensed Drivers	7,402,416
Drivers In Accidents	633,333
VEHICLES:	
Total Registered Vehicles	9,245,623
Vehicles In Accidents	675,549
ROADS AND MILEAGE	
Total Highway Miles	111,819
Total Miles Traveled (preliminary)	78,073,000,000
RATES:*	
Death Rate	2.14
Injury Rate	245.88
Accident Rate	473.13

*Per 100,000,000 miles traveled

ECONOMIC COST (Estimated) $1,595,000,000

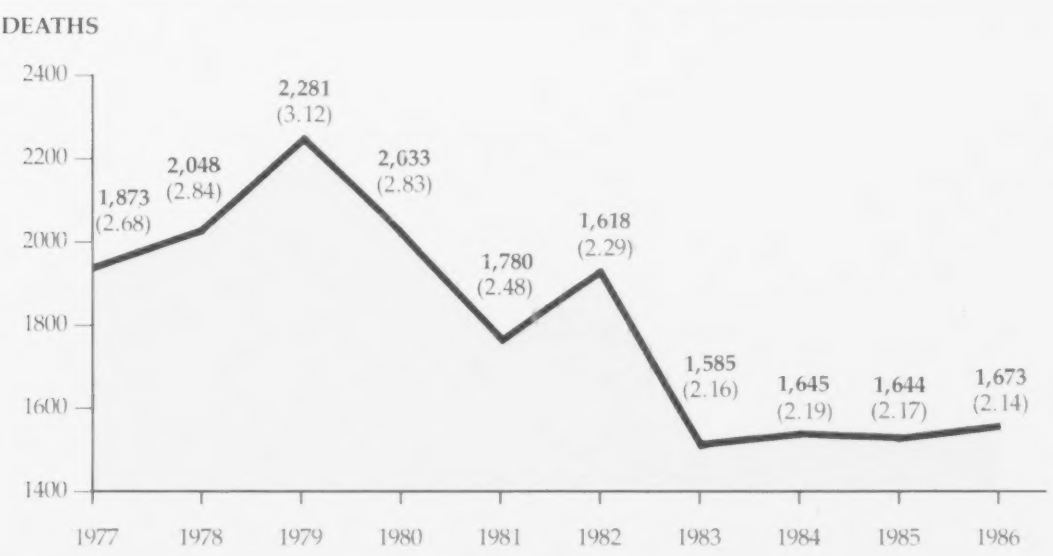


A stuntman braves a three-story fall to graphically point out that the forces of impact on motor vehicle occupants in a 35-mph crash are similar to a three-story fall. The film, ***Safety Belts: A Special Case History,*** *was made as an educational tool to help safety belt violators see the benefits of safety belt use.*

Traffic Crashes Over The Last Ten Years

YEAR	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS
1986	369,383	1,503	119,729	248,151
1985	373,069	1,478	118,790	252,801
1984	342,349	1,479	112,361	228,509
1983	311,649	1,419	103,406	206,824
1982	317,013	1,456	104,680	210,877
1981	338,887	1,569	98,331	238,987
1980	370,982	1,805	106,612	262,565
1979	417,661	2,010	115,111	300,540
1978	433,614	1,800	112,226	319,588
1977	419,394	1,670	111,526	306,198

Death Tolls & Death Rates Over the Last 10 Years

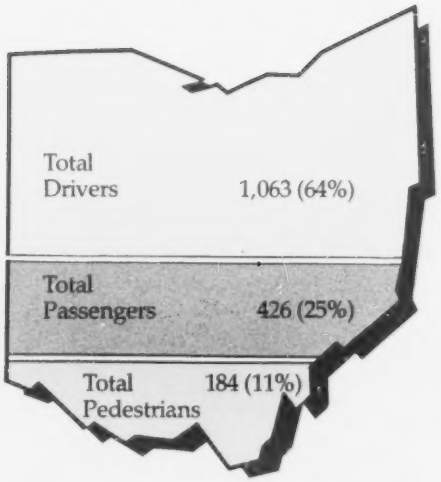


How Ohio Compares With The Ten Largest States

STATE	1985 DEATHS	POPULATION DEATH RATE (a)	MILEAGE DEATH RATE (b)
California	4,933	18.7	2.5
New York	1,995	11.2	2.2
Texas	3,682	22.5	2.6
Pennsylvania	1,809	15.3	2.4
Illinois	1,552	13.5	2.1
Florida	2,866	25.2	3.2
Ohio	1,644	15.3	2.2
Michigan	1,563	17.2	2.3
New Jersey	959	12.7	1.9
North Carolina	1,479	23.6	3.0
TOTAL U.S.	45,600	19.1	2.6

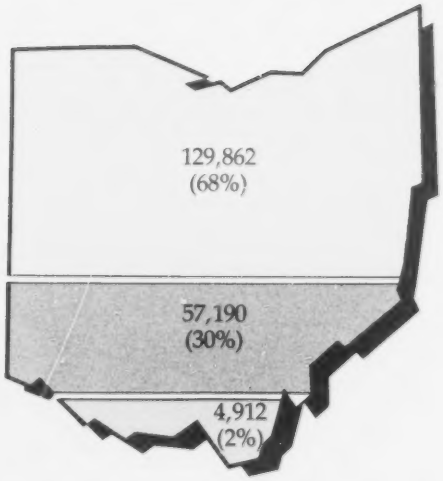
(a) Deaths per 100,000 population.
(b) Deaths per 100,000,000 miles traveled.

Note: Information for this table taken from the 1986 edition of "Accident Facts" published by the National Safety Council.



Drivers, Passengers, and Pedestrians Killed In 1986

TOTAL DRIVERS:	
Passenger Car Drivers	719
Motorcycle Drivers	182
Moped Drivers	5
Truck Drivers	112
Bicycle Drivers	35
All Other Drivers	10
TOTAL	**(64%) 1,063**
TOTAL PASSENGERS:	
Passengers in Cars	351
Passengers on Motorcycles	29
Passengers on Mopeds	0
Passengers in Trucks	43
Bicycle Passengers	1
Passengers in All Other Vehicles	2
TOTAL	**(25%) 426**
TOTAL PEDESTRIANS:	**(11%) 184**



Drivers, Passengers, and Pedestrians Injured in 1986

TOTAL DRIVERS:	
Passenger Car Drivers	102,823
Motorcycle Drivers	5,836
Moped Drivers	405
Truck Drivers	15,726
Bicycle & All Other Vehicle Drivers	5,072
TOTAL	**(68%) 129,862**
TOTAL PASSENGERS:	
Passengers in Cars	48,753
Passengers on Motorcycles	1,029
Passengers on Mopeds	35
Passengers in Trucks	6,007
Bicycle & All Other Vehicle Passengers	1,366
TOTAL	**(30%) 57,190**
TOTAL PEDESTRIANS:	**(2%) 4,912**

Economic Costs of Crashes

ITEM	1986* MILLIONS	1985** MILLIONS	1984** MILLIONS	1983** MILLIONS	1982** MILLIONS
Deaths	$435	$395	$360	$335	$325
Serious Visible Injuries	$325	$305	$310	$255	$250
Minor Visible Injuries	$385	$375	$380	$380	$355
Non-Visible Claimed Injuries	$140	$130	$110	$105	$95
Property Damage Only Acc.	$310	$305	$270	$240	$230
Ohio: Total Cost Est.***	$1,595	$1,510	$1,430	$1,315	$1,255
National Total Cost Est.***	$ N.A.	$48,600	$47,600	$43,300	$41,600

* Based on Ohio Department of Highway Safety estimates

** Based on National Safety Council estimates

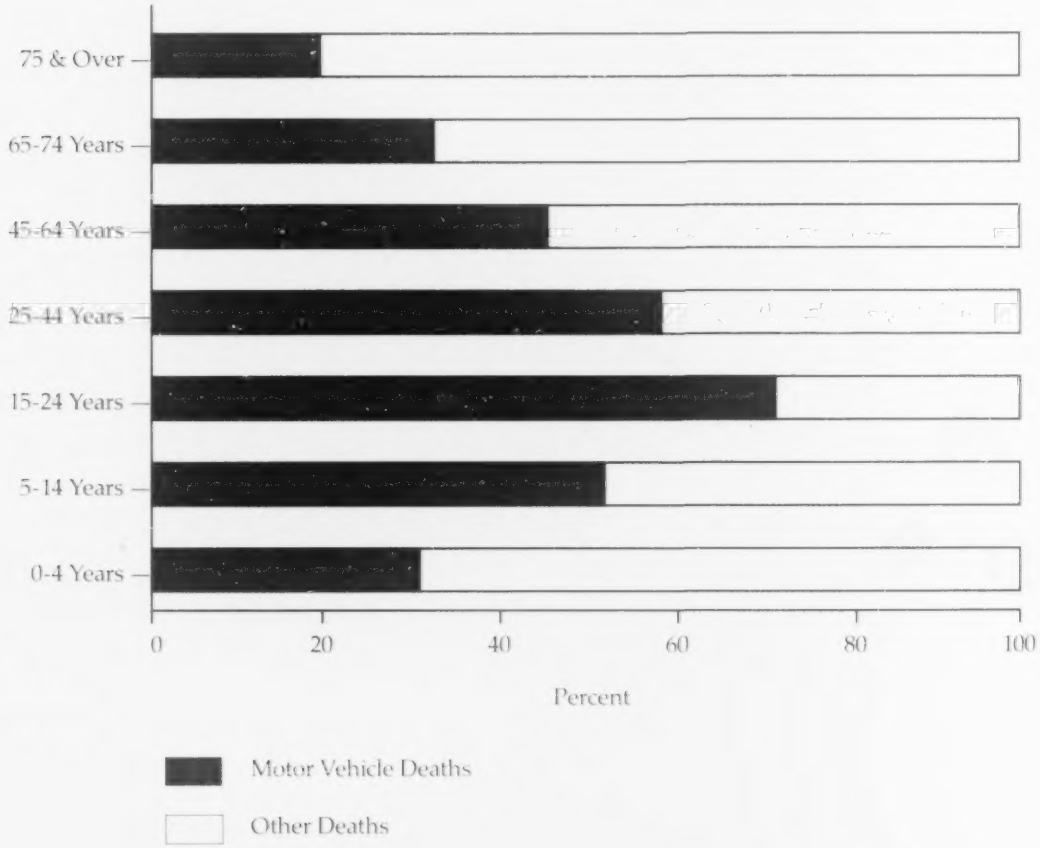
*** The calculable costs of motor vehicle accidents are: wage loss, medical expense, insurance costs, and property damage according to the National Safety Council. All figures are rounded.

Ten Leading Causes Of Death In The United States

CAUSE OF DEATH (ALL AGES)	TOTAL	MALE	FEMALE
Heart Disease	770,432	402,727	367,705
Cancer	442,986	238,383	204,603
Stroke	155,598	62,847	92,751
Pneumonia	54,423	27,464	26,959
Motor Vehicle Accidents	44,452	31,907	12,545
Diabetes	36,246	14,688	21,578
Suicide	28,295	21,786	6,509
Liver Disease	27,266	17,530	9,736
Atherosclerosis	26,371	10,042	16,329
Murder	19,922	15,253	4,669

Source: Deaths are for 1983 from the National Center for Health Statistics as shown in the 1986 edition of "Accident Facts", published by the National Safety Council.

National Comparison of Motor Vehicle vs Other Accidental Deaths



Crashes Over The Last Five Years

ACCIDENTS	1982	1983	1984	1985	1986	FIVE YEAR AVERAGE
Fatal Accidents	1,456	1,419	1,479	1,478	1,503	1,467
Injury Accidents	104,680	103,406	112,361	118,790	119,729	111,793
Property Damage Accidents	210,877	206,824	228,509	252,801	248,151	229,432
Total Accidents	317,013	311,649	342,349	373,069	369,383	342,693
Serious Visible Injuries	14,898	13,956	14,252	14,095	13,948	14,230
Minor Visible Injuries	69,672	68,888	72,865	73,427	72,936	71,558
Non-Visible Claimed Injuries	80,095	79,634	89,193	99,643	105,080	90,729
Total Non-Fatal Injuries	164,665	162,478	176,310	187,165	191,964	176,516
Total Fatal Injuries	1,618	1,585	1,645	1,644	1,673	1,633
Male Drivers Involved	329,354	322,649	356,081	390,434	380,353	355,774
Female Drivers Involved	162,278	167,199	186,368	208,098	211,394	187,067
Total Drivers*	533,023	526,200	582,052	640,280	633,333	582,978
Passenger Cars Involved	442,323	438,984	477,583	530,000	523,723	482,523
Trucks Involved	87,021	86,102	100,789	115,999	114,252	100,833
All Other Vehicles	44,263	39,189	43,736	37,070	37,574	40,366
Total Vehicles	573,607	564,275	622,108	683,069	675,549	623,722
Pedestrians Involved	5,179	5,070	5,396	5,347	5,554	5,309

*Total drivers includes drivers whose sex was not stated.

Where Crashes Occurred In 1986

	URBAN	% URBAN	RURAL	% RURAL	TOTAL
Fatal Accidents	526	35%	977	65%	1,503
Injury Accidents	74,155	62%	45,574	38%	119,729
Property Damage Accidents	162,411	65%	85,740	35%	248,151
Total Accidents	237,092	64%	132,291	36%	369,383
Fatal Injuries	568	34%	1,105	66%	1,673
Serious Visible Injuries	7,102	51%	6,846	49%	13,948
Minor Visible Injuries	38,795	53%	34,141	47%	72,936
Non-Visible Claimed Injuries	72,797	69%	32,283	31%	105,080
Total Non-Fatal Injuries	118,694	62%	73,270	38%	191,964

Crashes By Month

MONTH	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ONLY
January	29,915	96	8,706	21,113
February	29,624	72	8,559	20,993
March	27,334	96	8,676	18,562
April	28,012	121	9,629	18,262
May	30,603	124	10,636	19,843
June	31,618	149	11,406	20,063
July	29,864	160	10,776	18,928
August	31,411	167	11,179	20,065
September	29,712	135	9,964	19,613
October	33,768	145	10,467	23,156
November	34,557	122	9,919	24,516
December	32,965	116	9,812	23,037
TOTAL	369,383	1,503	119,729	248,151

Crashes By Hour of Day

HOUR BEGINNING	TOTAL ACCIDENTS	FATAL ACCIDENTS	HOUR BEGINNING	TOTAL ACCIDENTS	FATAL ACCIDENTS
Midnight	10,394	95	Noon	19,928	56
1 AM	8,894	99	1 PM	18,744	45
2 AM	10,136	120	2 PM	22,089	39
3 AM	5,742	54	3 PM	27,688	79
4 AM	3,236	30	4 PM	28,338	68
5 AM	3,544	28	5 PM	28,609	85
6 AM	7,412	33	6 PM	21,380	87
7 AM	17,114	45	7 PM	17,696	72
8 AM	14,774	31	8 PM	14,745	65
9 AM	12,265	54	9 PM	14,484	78
10 AM	13,497	37	10 PM	13,507	88
11 AM	16,738	31	11 PM	13,149	84
			Not Stated	5,280	0
			TOTAL	369,383	1,503

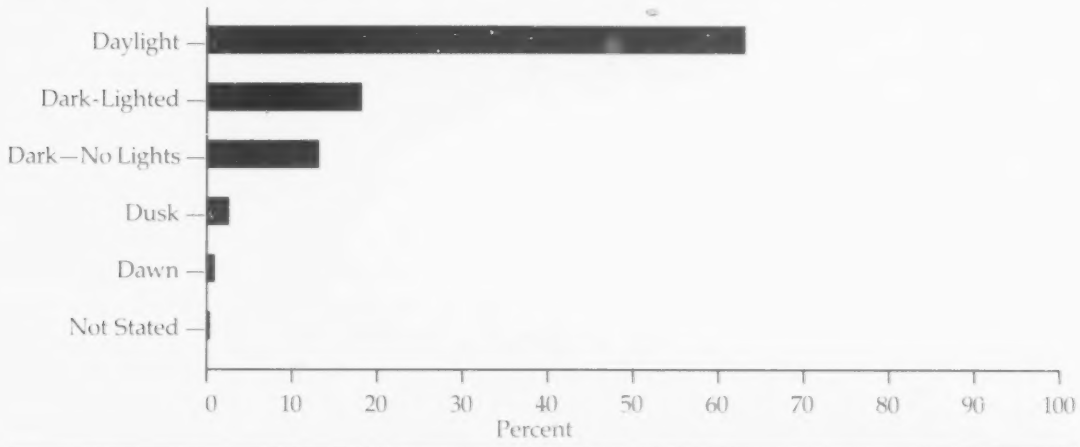
Crashes By Day of Week

DAY	TOTAL ACCIDENTS	%	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ONLY
Monday	50,183	13.6%	156	15,970	34,057
Tuesday	52,913	14.3%	187	16,794	35,932
Wednesday	53,085	14.4%	192	16,677	36,216
Thursday	51,869	14.0%	189	16,382	35,298
Friday	65,165	17.6%	249	20,575	44,341
Saturday	54,981	14.9%	317	18,871	35,793
Sunday	41,185	11.1%	213	14,460	26,512
TOTAL*	369,383	100%	1,503	119,729	248,151

*Totals include day not stated

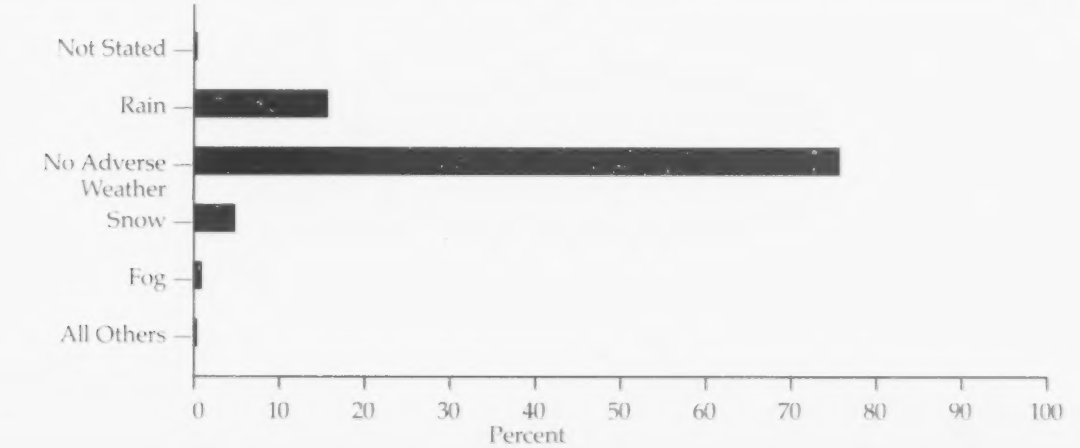
Crashes By Light Conditions

	PERCENTS			ACCIDENT SEVERITY		
	% OF TOTALS	% OF URBAN	% OF RURAL	FATAL	INJURY	PROPERTY DAMAGE ONLY
Not Stated	0.2	0.3	0.1	0	72	753
Dawn	1.5	1.2	2.1	25	1,705	3,961
Dusk	2.6	2.6	2.6	33	3,288	6,173
Dark—No Lights	14.2	4.4	31.8	487	17,186	34,751
Dark—Lighted	18.0	24.5	6.2	318	23,101	42,903
Daylight	63.5	67.0	57.2	640	74,377	159,610
TOTALS	100%	100%	100%	1,503	119,729	248,151



Crashes by Weather Condition

	PERCENTS			ACCIDENT SEVERITY		
WEATHER	% OF TOTALS	% OF URBAN	% OF RURAL	FATAL	INJURY	PROPERTY DAMAGE ONLY
All Others	0.4	0.4	0.4	13	475	979
Fog	1.0	0.5	2.0	31	1,269	2,400
Snow	5.6	5.0	6.6	39	5,868	14,708
No Adverse Weather	76.8	77.0	76.5	1,247	92,767	189,853
Rain	15.9	16.7	14.4	172	19,135	39,328
Not Stated	0.3	0.4	0.1	1	215	883
	100%	100%	100%	1,503	119,729	248,151

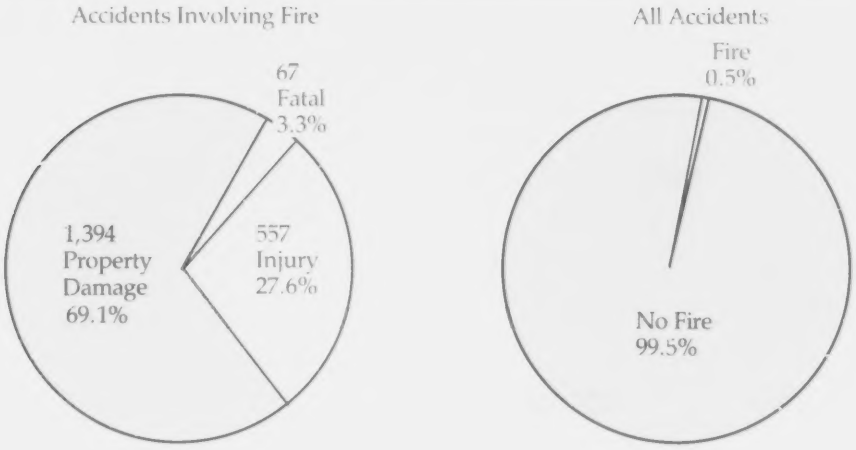


Accidents By Type of Crash

FIRST HARMFUL EVENT	TOTAL ACCIDENTS	AREA % URBAN	AREA % RURAL	ACCIDENT SEVERITY FATAL	ACCIDENT SEVERITY INJURY	ACCIDENT SEVERITY PROPERTY DAMAGE
Head-On	8,311	60.1	39.9	198	4,262	3,851
Rear-End	76,759	73.1	26.9	60	29,800	46,899
Backing	12,017	76.0	24.0	0	1,300	10,717
Sideswipe	37,522	75.4	24.6	40	6,828	30,654
Angle	103,117	73.6	26.4	272	34,101	68,744
Subtotal: 2 MV's in Transport	237,726	73.4	26.6	570	76,291	160,865
Parked MV	30,686	88.4	11.6	37	3,724	26,925
Pedestrian	4,917	84.3	15.7	169	4,606	142
Animal	15,065	6.4	93.6	2	820	14,243
Train	384	50.8	49.2	43	151	190
Pedalcycle	3,531	82.6	17.4	36	3,244	251
Other Non-MV	145	16.6	83.4	3	63	79
Fixed Object	63,117	36.3	63.7	571	26,009	36,537
Other Object	4,006	37.5	62.5	4	752	3,250
Fall From/ Into Vehicle	818	49.5	50.5	10	486	322
Overturning	4,033	23.6	76.4	54	2,586	1,393
Other Non-Collision	4,923	29.1	70.9	4	986	3,933
Not Stated	32	96.9	3.1	0	11	21
Subtotal: Single MV in Transport	131,657	47.6	52.4	933	43,438	87,286
TOTAL	369,383	64.2	35.8	1,503	119,729	248,151

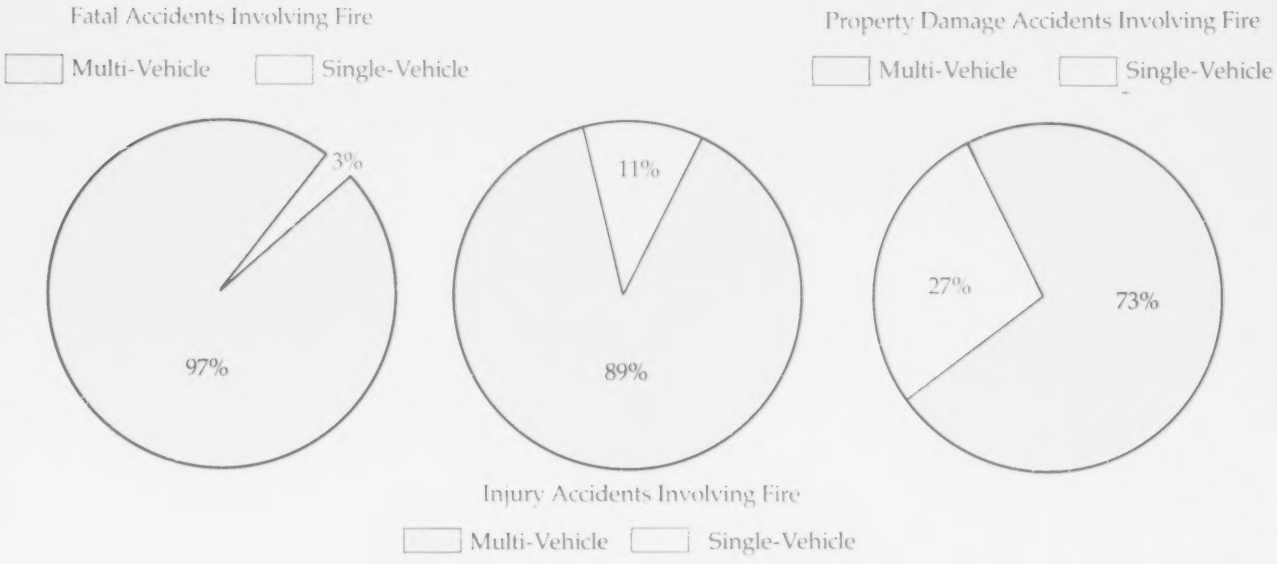
Vince and Larry, the famous crash dummies, took part in many highway safety related events during the year, including the department's exhibit at the 1986 Ohio State Fair.

Crashes Involving Fire



NOTE: Accidents involving fire represent only one-half of one percent of all accidents.

Single vs. Multi-Vehicle Crashes Involving Fire



Restraint Use of Persons In Crashes Involving Fire

RESTRAINTS	KILLED	%	INJURED	%	NOT INJURED	%	TOTAL	%
Used	12	12%	379	39%	1528	55%	1919	49%
Not Used	81	82%	432	44%	820	29%	1333	35%
Not Available	6	6%	73	7%	85	3%	164	4%
Not Stated	0	0%	94	10%	351	13%	445	12%
TOTAL	99	100%	978	100%	2784	100%	3861	100%

Probable Cause of Crashes

CAUSE	FATAL ACCIDENTS	% OF FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	ALL ACCIDENTS	% OF TOTAL
Failure To Yield	222	14.8%	20,814	37,686	58,722	15.9%
Unsafe Speed	341	22.7%	7,347	10,407	18,095	4.9%
Following Too Close	52	3.5%	24,271	38,513	62,836	17.0%
Ran Red Light	19	1.3%	4,879	6,170	11,068	3.0%
Ran Stop Sign	46	3.1%	2,621	3,136	5,803	1.6%
Improper Turn	15	1.0%	2,987	9,202	12,204	3.3%
Improper Passing	48	3.2%	1,563	4,771	6,382	1.7%
Improper Lane Change	12	0.8%	2,469	13,334	15,815	4.3%
Improper Backing	3	0.2%	1,364	14,464	15,831	4.3%
Improper Starting	1	0.1%	333	2,407	2,741	0.7%
Stopped/Parked Illegally	0	0.0%	123	432	555	0.2%
Left Of Center	140	9.3%	3,410	5,161	8,711	2.4%
Failure To Control	284	18.9%	23,145	38,458	61,887	16.8%
Driver Inattention	43	2.9%	4,549	10,225	14,817	4.0%
Drove Off Road	122	8.1%	1,643	1,891	3,656	1.0%
Other Driver Errors	14	0.9%	4,925	12,646	17,585	4.8%
Subtotal: Driver Errors	1,362	90.6%	106,443	208,903	316,708	85.7%
Vehicle Defect	7	0.5%	2,041	5,809	7,857	2.1%
Load Shifting/Spilling	0	0.0%	195	1,811	2,006	0.5%
Pavement Defect	0	0.0%	183	531	714	0.2%
Shoulder Defect	0	0.0%	14	50	64	.0%
Debris On Road	0	0.0%	300	1,791	2,091	0.6%
Downed Traffic Signal	0	0.0%	27	101	128	.0%
Vision Obstruction	1	0.1%	148	382	531	0.1%
Animal Action	2	0.1%	1,248	14,957	16,207	4.4%
Pedestrian At Fault	130	8.6%	2,751	336	3,217	0.9%
Subtotal: Non-Driver Errors	140	9.3%	6,907	25,768	32,815	8.9%
Fault Inconclusive	1	0.1%	5,942	12,453	18,396	5.0%
Fault Not Stated	0	0.0%	437	1,027	1,464	0.4%
TOTAL	1,503	100%	119,729	248,151	369,383	100%

Unsafe speed alone was identified as the number one cause of fatal accidents with 22.7 percent of the total. Since other causes such as "failure to control" and "drove off road" are also often speed-related, the number of speed-related accidents would be even higher.

The department works with various businesses and organizations to promote highway safety. Director William Denihan congratulates the Sisters Chicken mascot for his company's month-long campaign to promote buckling up. The restaurant chain gave away free beverages to customers who wore their safety belts.

Crashes By County

COUNTY	TOTAL ACCIDENTS	URBAN ACCIDENTS	RURAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE *
Adams	681	80	601	6	206	469	7	364	24,328	28 77
Allen	4,284	2,485	1,799	16	1,265	3,003	17	2,027	112,241	15.15
Ashland	1,688	615	1,073	10	501	1,177	11	749	46,178	23.82
Ashtabula	3,007	1,070	1,937	21	1,072	1,914	22	1,691	104,215	21.11
Athens	1,468	480	988	7	471	990	7	774	56,399	12.41
Auglaize	1,296	525	771	12	392	892	13	609	42,554	30.55
Belmont	2,160	777	1,383	11	654	1,495	13	1,003	82,569	15.74
Brown	1,003	2	1,001	8	305	690	11	503	31,920	34.46
Butler	8,920	5,722	3,198	40	3,066	5,814	51	5,017	258,787	19.71
Carroll	737	137	600	3	244	490	3	377	25,598	11.72
Champaign	1,078	288	790	10	323	745	10	527	33,649	29.72
Clark	4,816	2,598	2,218	19	1,671	3,126	22	2,734	150,236	14.64
Clermont	4,938	338	4,600	29	1,629	3,280	35	2,805	128,483	27.24
Clinton	1,180	466	714	6	346	828	6	552	34,603	17.34
Columbiana	3,097	1,172	1,925	23	997	2,077	23	1,558	113,572	20.25
Coshocton	1,034	378	656	6	257	771	10	395	36,024	27.76
Crawford	1,299	656	643	10	433	856	14	687	50,075	27.96
Cuyahoga	50,423	49,049	1,374	123	17,844	32,456	131	30,167	1,498,295	8.74
Darke	1,494	508	986	11	464	1,019	15	739	55,096	27.23
Defiance	1,604	827	777	11	485	1,108	12	710	39,987	30.01
Delaware	2,024	577	1,447	19	647	1,358	22	1,005	53,840	40.86
Erie	3,063	1,400	1,663	14	992	2,057	15	1,643	79,655	18.83
Fairfield	3,180	1,683	1,497	11	1,034	2,135	11	1,663	93,678	11.74
Fayette	1,005	416	589	6	333	666	6	487	27,467	21.84
Franklin	37,534	32,360	5,174	85	11,240	26,209	91	16,848	869,109	10.47
Fulton	1,197	411	786	8	396	793	9	632	37,751	23.84
Gallia	1,091	276	815	7	288	796	8	469	30,098	26.58
Geauga	2,361	180	2,181	16	807	1,538	20	1,247	74,474	26.86
Greene	4,015	2,301	1,714	24	1,304	2,687	30	2,036	129,769	23.12
Guernsey	1,465	412	1,053	6	410	1,049	7	638	42,024	16.66
Hamilton	33,961	25,858	8,103	71	9,156	24,734	75	13,748	873,136	8.59
Hancock	2,757	1,656	1,101	22	808	1,927	25	1,212	64,581	38.71
Hardin	859	354	505	4	221	634	4	326	32,719	12.23
Harrison	452	91	361	5	124	323	5	190	18.152	27.55
Henry	402	249	153	7	100	295	7	151	28,383	24.66
Highland	1,221	450	771	8	380	833	8	627	33,477	23.90
Hocking	844	211	633	7	291	546	8	440	24,304	32.92
Holmes	855	120	735	5	201	649	6	312	29,416	20.40
Huron	1,576	642	934	9	491	1,076	9	776	54,608	16.48
Jackson	1,111	447	664	8	278	825	8	435	30,592	26.15
Jefferson	2,181	1,257	924	3	640	1,538	3	993	91,564	3.28
Knox	1,732	550	1,182	10	488	1,234	11	714	46,309	23.75
Lake	6,348	4,689	1,659	19	1,996	4,333	21	3,112	2,312,801	9.87
Lawrence	1,517	490	1,027	5	499	1,013	5	772	63,849	7.83
Licking	4,583	2,100	2,483	17	1,475	3,091	19	2,351	120,981	15.70

COUNTY	TOTAL ACCIDENTS	URBAN ACCIDENTS	RURAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE*
Logan	1,396	376	1,020	3	360	1,033	6	551	39,155	15.32
Lorain	7,638	5,261	2,377	31	2,522	5,085	35	3,912	274,909	12.73
Lucas	21,313	19,036	2,277	68	7,434	13,811	74	13,029	471,741	15.69
Madison	1,017	315	702	8	329	680	9	529	33,004	27.27
Mahoning	7,976	3,646	4,330	43	3,200	4,733	47	5,685	289,487	16.24
Marion	1,702	706	996	20	663	1,019	21	1,073	67,974	30.89
Medina	3,475	1,225	2,250	18	1,231	2,226	18	1,902	113,150	15.91
Meigs	607	69	538	3	160	444	3	255	23,614	12.70
Mercer	828	301	527	7	276	545	8	443	38,334	20.87
Miami	2,931	1,418	1,513	19	887	2,025	21	1,372	90,391	23.23
Monroe	327	63	264	6	114	207	7	162	17,382	40.27
Montgomery	19,954	14,418	5,536	67	6,596	13,291	71	10,526	571,697	12.42
Morgan	382		382		107	275		180	14,241	00.00
Morrow	873	68	805	7	266	600	8	438	26,480	30.21
Muskingum	2,701	1,210	1,491	10	809	1,882	17	1,272	83,340	20.40
Noble	355	1	354	3	94	258	4	141	11,310	35.37
Ottawa	1,292	344	948	9	474	809	11	736	40,076	27.45
Paulding	567	105	462	6	161	400	7	234	21,302	32.86
Perry	781	187	594	11	255	515	11	435	31,032	35.45
Pickaway	1,629	362	1,267	13	545	1,071	16	866	43,662	36.65
Pike	845	170	675	4	268	573	4	415	22,802	17.54
Portage	4,345	1,902	2,443	34	1,552	2,759	35	2,471	135,856	25.76
Preble	1,259	203	1,056	3	409	847	3	634	38,223	7.85
Putnam	619	96	523	4	233	382	6	372	32,991	18.19
Richland	4,680	2,394	2,286	13	1,493	3,174	14	2,237	131,205	10.67
Ross	2,412	824	1,588	10	922	1,480	11	1,758	65,004	16.92
Sandusky	2,194	865	1,329	14	706	1,474	14	1,052	63,267	23.13
Scioto	2,401	1,010	1,391	16	818	1,567	16	1,268	85,545	18.70
Seneca	1,673	849	824	15	541	1,117	17	776	61,901	27.46
Shelby	857	616	241	13	212	632	14	332	43,089	32.49
Stark	11,768	5,870	5,898	39	3,899	7,830	47	6,070	378,823	12.41
Summit	19,567	16,061	3,506	58	6,425	13,084	63	10,374	524,472	12.01
Trumbull	6,475	2,781	3,694	29	2,684	3,762	31	4,622	241,863	12.82
Tuscarawas	2,589	1,097	1,492	10	812	1,767	11	1,231	84,614	13.00
Union	987	222	765	8	317	662	10	463	29,536	33.86
Van Wert	896	450	446	3	244	649	3	370	30,458	9.85
Vinton	355		355	2	123	230	2	172	11,584	17.27
Warren	3,682	1,161	2,521	25	1,209	2,448	28	1,987	99,276	28.20
Washington	1,870	793	1,077	11	543	1,316	12	797	64,266	18.67
Wayne	2,982	1,077	1,905	27	863	2,092	30	1,318	97,408	30.80
Williams	1,381	379	1,002	8	389	984	10	620	36,369	27.50
Wood	3,609	1,601	2,008	22	1,155	2,432	27	1,788	107,372	25.15
Wyandot	652	208	444	5	205	442	5	313	22,651	22.07
STATE TOTAL:	369,383	237,093	132,290	1,503	119,729	248,151	1,673	191,996	10,797,419	15.49

*Deaths per 100,000 Population

Crashes By City

CITY NAME	COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE
19 CITIES OVER 50,000 POPULATION									
Akron	SUM	10,657	24	3,520	7,113	26	5,817	236,820	10.98
Canton	STA	3,551	3	1,047	2,501	3	1,546	94,632	3.17
Cincinnati	HAM	18,284	32	4,202	14,050	35	5,856	383,058	9.14
Cleveland	CUY	28,572	73	9,868	18,631	75	17,138	572,532	13.10
Cleveland Hts.	CUY	1,004	3	499	502	3	1,000	55,563	5.40
Columbus	FRA	27,604	54	7,851	19,699	57	11,347	561,944	10.14
Dayton	MOT	8,784	16	2,631	6,137	16	4,058	193,319	8.28
Elyria	LOR	1,854	2	586	1,266	3	844	57,039	5.26
Euclid	CUY	1,224	2	419	803	2	638	59,896	3.34
Hamilton	BUT	2,244	5	887	1,352	6	1,489	62,845	9.55
Kettering	MOT	1,501	3	465	1,033	3	714	61,223	4.90
Lakewood	CUY	1,154	1	381	772	1	536	61,921	1.61
Lorain	LOR	1,974	1	720	1,253	1	1,109	75,339	1.33
Mansfield	RIC	1,900	2	621	1,277	3	895	53,907	5.57
Parma	CUY	1,928	4	745	1,179	4	1,187	92,578	4.32
Springfield	CLA	2,470	8	869	1,593	10	1,433	72,098	13.87
Toledo	LUC	17,296	48	6,116	11,132	52	10,949	354,265	14.68
Warren	TRU	1,391	1	628	762	1	1,182	55,456	1.80
Youngstown	MAH	2,966	14	1,427	1,525	16	2,743	115,429	13.86
33 CITIES WITH POPULATION OF 25,000 TO 49,000									
Barberton	SUM	877	1	333	543	1	587	29,732	3.36
Beavercreek	GRE	874	2	270	602	3	400	31,576	9.50
Bowling Green	WOO	761	0	136	625	0	187	25,745	0.00
Brook Park	CUY	633	1	253	379	1	407	26,195	3.82
Brunswick	MED	363	2	128	233	2	196	27,645	7.23
Cuyahoga Falls	SUM	1,620	1	440	1,179	1	635	43,708	2.29
East Cleveland	CUY	1,024	2	474	548	2	847	36,694	5.45
Fairborn	GRE	648	1	197	450	1	294	29,747	3.36
Fairfield	BUT	1,091	1	346	744	1	537	30,816	3.25
Findley	HAN	1,573	1	417	1,155	1	573	35,471	2.82
Garfield Hts.	CUY	865	1	268	596	1	371	34,956	2.86
Huber Hts.	MOT	1,076	3	332	741	3	476	35,400	8.47
Kent	POR	773	2	252	519	2	407	26,142	7.65
Lancaster	FAI	1,518	1	462	1,055	1	766	34,911	2.86
Lima	ALL	2,230	7	562	1,661	7	851	47,352	14.78
Maple Hts.	CUY	607	0	235	372	0	451	29,731	0.00
Marion	MAR	707	3	309	395	3	485	37,071	8.09
Massillon	STA	1,002	4	282	716	5	414	30,127	16.60
Mentor	LAK	1,639	2	466	1,171	2	700	41,903	4.77
Middletown	BUT	1,798	9	521	1,268	9	838	43,693	20.60

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CITY NAME	COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE
33 CITIES WITH POPULATION OF 25,000 TO 49,000 cont.									
Newark	LIC	1,572	3	495	1,074	3	825	41,158	7.29
Niles	TRU	591	1	254	336	1	380	25,676	3.89
North Olmsted	CUY	908	1	300	607	1	432	36,480	2.74
Norwood	HAM	1,009	1	226	782	1	319	26,126	3.83
Portsmouth	SCI	858	2	276	580	2	407	25,993	7.69
Sandusky	ERI	1,081	1	292	788	1	420	31,303	3.19
Shaker Hts.	CUY	702	1	194	507	1	303	31,225	3.20
South Euclid	CUY	537	2	161	374	2	220	25,721	7.78
Steubenville	JEF	980	0	237	743	0	364	26,287	0.00
Stow	SUM	681	3	216	462	3	307	25,299	11.86
Strongsville	CUY	966	2	324	640	2	485	28,525	7.01
Upper Arlington	FRA	546	1	198	347	1	329	35,624	2.81
Zanesville	MUS	1,210	2	316	892	3	473	28,600	10.49
97 CITIES WITH POPULATION OF 10,000 TO 24,999									
Alliance	STA	695	1	212	482	2	352	24,322	8.22
Amherst	LOR	311	1	94	216	1	142	10,620	9.42
Ashland	ASD	557	1	155	401	1	214	20,252	4.94
Ashtabula	ATB	710	1	234	475	1	395	23,344	4.28
Athens	ATH	367	1	118	248	1	187	19,801	5.05
Avon Lake	LOR	183	0	79	104	0	147	13,184	0.00
Bay Village	CUY	137	0	51	86	0	84	17,839	0.00
Bedford	CUY	391	1	142	248	1	216	15,003	6.67
Bedford Hts.	CUY	416	2	135	279	2	220	13,187	15.17
Bellefontaine	LOG	376	0	104	272	0	162	11,798	0.00
Berea	CUY	376	1	100	275	1	186	19,636	5.09
Bexley	FRA	339	0	105	234	0	167	13,396	0.00
Brecksville	CUY	189	2	74	113	2	145	10,133	19.74
Broadview Hts.	CUY	23	1	7	15	4	11	10,909	36.67
Brooklyn	CUY	260	0	118	142	0	200	12,324	0.00
Bucyrus	CRA	354	1	107	246	1	162	13,410	7.46
Cambridge	GUE	412	1	89	322	1	149	13,450	7.43
Campbell	MAH	229	1	60	168	1	112	11,591	8.63
Centerville	MOT	473	1	170	302	1	260	18,953	5.28
Chillicothe	ROS	824	0	411	413	0	943	23,394	0.00
Circleville	PIC	363	1	107	255	1	166	11,682	8.56
Conneaut	ATB	167	3	76	88	3	118	13,839	21.68
Coshocton	COS	378	1	69	308	1	89	13,418	7.45
Defiance	DEF	722	2	193	527	3	274	16,633	18.04
Delaware	DEL	546	0	141	405	0	199	18,535	0.00

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CITY NAME	COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE
97 CITIES WITH POPULATION OF 10,000 TO 24,999 cont.									
Dover	TUS	351	0	114	237	0	184	11,500	0.00
East Liverpool	COL	423	2	93	328	2	143	16,680	11.99
Eastlake	LAK	411	1	140	270	1	217	21,954	4.55
Englewood	MOT	263	1	95	167	1	152	11,320	8.83
Fairview Park	CUY	265	3	97	165	3	156	19,283	15.56
Forest Park	HAM	373	0	130	243	0	222	18,770	0.00
Fostoria	SEN	377	1	129	247	1	180	15,717	6.36
Franklin	WAR	389	3	133	253	5	252	10,714	46.67
Fremont	SAN	663	0	170	493	0	241	17,887	0.00
Gahanna	FRA	365	0	128	237	0	199	16,083	0.00
Galion	CRA	215	0	66	149	0	90	12,424	0.00
Girard	TRU	301	3	108	190	3	194	12,506	23.99
Greenville	DAR	506	1	132	373	1	188	13,002	7.69
Grove City	FRA	351	0	84	267	0	122	16,688	0.00
Ironton	LAW	446	0	112	334	0	181	14,187	0.00
Lyndhurst	CUY	562	1	195	366	1	297	18,093	5.53
Marietta	WAS	572	0	136	436	0	190	16,462	0.00
Maumee	LUC	625	1	172	452	1	234	15,752	6.35
Mayfield Hts.	CUY	517	2	162	353	4	246	21,383	18.71
Medina	MED	501	1	145	355	1	237	15,309	6.53
Miamisburg	MOT	617	1	164	452	1	242	15,327	6.52
Middleburg Hts.	CUY	719	2	226	491	2	363	16,228	12.32
Montgomery	HAM	405	1	114	290	1	165	10,071	9.93
Mt. Vernon	KNO	550	0	149	401	0	189	14,362	0.00
New Philadelphia	TUS	553	0	181	372	0	272	16,921	0.00
North Canton	STA	338	1	105	232	1	153	14,101	7.09
North College H.	HAM	353	0	79	274	0	123	10,857	0.00
North Ridgeville	LOR	425	2	116	307	2	159	21,240	9.42
North Royalton	CUY	418	0	156	262	0	289	17,705	0.00
Norton	SUM	426	3	147	276	3	247	12,241	24.51
Norwalk	HUR	378	0	87	291	0	129	14,348	0.00
Oregon	LUC	498	4	157	337	5	241	18,682	26.76
Oxford	BUT	405	0	116	289	0	198	17,669	0.00
Painesville	LAK	528	0	145	383	0	220	16,351	0.00
Parma Hts.	CUY	508	0	176	332	0	263	23,054	0.00
Perrysburg	WOO	289	0	89	200	0	127	10,196	0.00
Piqua	MIA	613	3	148	462	3	217	20,466	14.66
Ravenna	POR	405	2	140	263	2	229	11,956	16.73
Reading	HAM	469	1	110	358	1	178	12,706	7.87
Reynoldsburg	FRA	521	0	178	343	0	351	20,513	0.00
Richmond Hts.	CUY	307	0	118	189	0	216	10,090	0.00
Rocky River	CUY	296	1	109	186	1	167	21,070	4.75
Salem	COL	356	1	110	245	1	175	12,865	7.77
Seven Hills	CUY	159	1	50	108	1	83	13,614	7.35
Sharonville	HAM	1,116	3	296	817	3	452	10,108	29.68

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CITY NAME	COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE
97 CITIES WITH POPULATION OF 10,000 TO 24,999 cont.									
Sheffield Lake	LOR	83	0	27	56	0	42	10,498	0.00
Sidney	SHE	615	4	153	458	4	237	17,658	22.65
Solon	CUY	460	1	137	322	1	211	13,950	7.17
Struthers	MAH	207	0	56	151	0	81	13,609	0.00
Sylvania	LUC	426	0	148	278	0	227	15,556	0.00
Tallmadge	SUM	522	1	162	359	1	225	15,238	6.56
Tiffin	SEN	575	1	163	411	1	220	19,567	5.11
Troy	MIA	579	1	159	419	1	219	19,008	5.26
University Hts.	CUY	No accidents reported						15,369	0.00
Urbana	CHP	288	2	99	187	2	177	10,774	18.56
Van Wert	VAN	381	0	95	286	0	137	10,930	0.00
Vandalia	MOT	267	1	103	163	1	167	13,164	7.60
Vermillion	ERI	248	2	97	149	2	145	11,011	18.16
Wadsworth	MED	325	0	92	233	0	134	15,187	0.00
Warrensville Hts.	CUY	247	1	120	126	1	191	16,352	6.12
Washington C.H.	FAY	416	0	124	292	0	170	12,648	0.00
West Carrolton	MOT	419	4	143	272	4	260	13,160	30.40
Westerville	FRA	537	0	158	379	0	223	23,347	0.00
Westlake	CUY	599	0	193	406	0	295	19,475	0.00
Whitehall	FRA	656	2	211	443	2	311	21,295	9.39
Wickliffe	LAK	414	0	152	262	0	233	17,022	0.00
Willoughby	LAK	803	3	260	540	3	367	19,135	15.68
Willowwick	LAK	302	1	106	195	1	167	17,669	5.66
Wilmington	CLI	364	1	103	260	1	171	10,422	9.60
Wooster	WAY	827	3	231	593	3	345	19,273	15.57
Worthington	FRA	558	1	155	402	1	216	14,970	6.68
Xenia	GRE	632	0	194	438	0	307	24,712	0.00
88 CITIES WITH POPULATION OF 5,000 TO 9,999									
Ada	HAR	58	0	15	43	0	19	5,646	0.00
Aurora	POR	210	2	64	144	3	100	8,174	36.70
Avon	LOR	164	5	88	71	6	143	7,265	82.59
Beachwood	CUY	475	0	192	283	0	300	9,958	0.00
Bellaire	BEL	242	0	79	163	0	117	8,231	0.00
Bellbrook	GRE	60	0	21	39	0	48	5,182	0.00
Bellevue	HUR	183	0	42	141	0	55	8,193	0.00
Belpre	WAS	221	1	58	162	1	88	7,155	13.98
Blue Ash	HAM	550	1	166	383	1	266	9,482	10.55
Bryan	WIL	296	0	64	232	0	93	7,880	0.00
Canfield	MAH	103	0	44	59	0	97	5,530	0.00
Celina	TRU	240	1	44	195	1	74	9,127	10.96
Cheviot	HAM	226	0	68	158	0	130	9,878	0.00
Clyde	SAN	139	0	57	82	0	86	5,492	0.00
Portland	TRU	103	0	17	86	0	22	5,001	0.00

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CITY NAME	COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE
88 CITIES WITH POPULATION OF 5,000 TO 9,999 cont.									
Crestline	CRA	86	1	31	54	2	69	5,404	37.01
Deer Park	HAM	143	1	37	105	1	50	6,630	15.08
Delphos	ALL	171	0	50	121	0	72	7,317	0.00
East Palestine	COL	104	1	40	63	1	74	5,303	18.86
Eaton	PRE	203	0	66	137	0	89	6,830	0.00
Fairlawn	SUM	213	0	49	164	0	80	6,105	0.00
Gallipolis	GAL	276	0	66	210	0	105	5,601	0.00
Geneva	ATB	116	0	36	80	0	52	6,612	0.00
Germantown	MOT	121	0	38	83	0	67	5,022	0.00
Grandview Hts.	FRA	200	0	54	146	0	71	7,396	0.00
Greenfield	HIG	143	1	45	97	1	87	5,035	19.86
Harrison	HAM	226	0	58	168	0	112	5,851	0.00
Heath	LIC	346	0	137	209	0	210	6,961	0.00
Highland Hts.	CUY	193	1	53	139	1	81	5,732	17.45
Hilliard	FRA	193	0	49	144	0	73	8,067	0.00
Hillsboro	HIG	300	0	73	227	0	122	6,344	0.00
Hubbard	TRU	169	1	68	100	1	127	9,262	10.80
Huron	ERI	166	0	46	120	0	82	7,075	0.00
Independence	CUY	419	1	160	258	1	251	6,612	15.12
Indian Hill	HAM	183	0	82	101	0	129	5,502	0.00
Jackson	JAC	255	0	52	203	0	78	6,670	0.00
Kenton	HAR	297	0	66	231	0	90	8,613	0.00
Kirtland	LAK	181	0	69	112	0	115	5,915	0.00
Lebanon	WAR	318	0	92	226	0	137	9,620	0.00
Lincoln Hts.	HAM	67	0	23	44	0	39	5,150	0.00
Logan	HOC	212	1	53	158	1	79	6,557	15.25
London	MAD	229	1	61	167	1	95	6,916	14.46
Louisville	STA	138	0	41	97	0	51	7,839	0.00
Loveland	HAM	129	0	28	101	0	38	9,096	0.00
Macedonia	SUM	330	2	119	209	2	187	6,562	30.48
Madeira	HAM	146	1	42	103	1	61	9,293	10.76
Martin's Ferry	BEL	180	0	32	148	0	57	9,260	0.00
Marysville	UNI	216	0	43	173	0	63	7,403	0.00
Mason	WAR	195	0	63	132	0	105	8,696	0.00
Mentor-On-Lake	LAK	64	0	17	47	0	28	7,984	0.00
Milford	CLE	198	1	45	152	2	80	5,206	38.42
Moraine	MOT	472	1	126	345	1	188	5,250	19.05
Mount Healthy	HAM	217	0	60	157	0	92	7,553	0.00
Napoleon	HEN	248	0	55	193	0	71	8,615	0.00
New Carlisle	CLA	102	0	23	79	0	30	6,435	0.00

Continued from page 34

CITY NAME	COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PD ACCIDENTS	DEATHS	INJURIES	POPULATION	DEATH RATE
88 CITIES WITH POPULATION OF 5,000 TO 9,999 cont.									
New Lexington	PER	142	0	37	105	0	78	5,174	0.00
Northwood	WOO	323	0	99	224	0	169	5,482	0.00
Oakwood	MOT	109	0	47	62	0	75	9,404	0.00
Oberlin	LOR	104	0	33	71	0	55	8,600	0.00
Olmsted Falls	CUY	134	0	53	81	0	86	5,868	0.00
Orrville	WAY	153	1	29	123	1	39	7,507	13.32
Pepper Pike	CUY	191	0	67	124	0	112	6,175	0.00
Port Clinton	OTT	271	0	81	190	0	103	7,229	0.00
Rittman	WAY	98	0	24	74	0	33	6,066	0.00
Rossford	WOO	111	0	39	72	0	65	5,443	0.00
Sebring	MAH	61	1	15	45	1	36	5,081	19.68
Shelby	RIC	206	0	59	147	0	100	9,643	0.00
Silverton	HAM	169	0	56	113	0	73	6,166	0.00
Springdale	HAM	792	0	301	491	0	515	7,474	0.00
St. Bernard	HAM	262	1	83	178	1	128	5,411	18.48
St. Clairsville	BEL	104	2	30	72	2	61	5,425	36.87
St. Marys	AUG	206	0	48	158	0	71	8,368	0.00
Streetsboro	POR	458	3	137	318	3	228	9,043	33.17
Tipp City	MIA	141	0	43	98	0	75	5,601	0.00
Toronto	JEF	95	0	31	64	0	66	6,738	0.00
Trenton	BUT	87	1	27	59	1	45	6,375	15.69
Trotwood	MOT	172	1	73	98	1	116	7,809	12.81
Twinsburg	SUM	195	1	49	145	1	69	7,627	13.11
Uhrichsville	TUS	130	0	32	98	0	55	6,139	0.00
Union	MOT	5	0	3	2	0	4	5,109	0.00
Upper Sandusky	WAY	164	0	36	128	0	49	5,972	0.00
Wapakoneta	AUG	284	1	65	218	1	99	8,379	11.93
Wauseon	FUL	181	0	46	135	0	63	6,170	0.00
Wellston	JAC	192	2	51	139	2	78	6,028	33.18
Wellsville	COL	93	1	25	67	1	34	5,096	19.62
Willard	HUR	143	1	40	102	1	75	5,666	17.65
Willoughby Hill	LAK	299	1	110	188	1	186	8,481	11.79
Wyoming	HAM	149	0	47	102	0	63	8,247	0.00

Fatal Crashes and Deaths Over The Last 10 Years—By County

FA = Fatal Accidents
D = Deaths

COUNTIES:	1977		1978		1979		1980		1981		1982		1983		1984		1985		1986	
	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.
Adams	7	10	5	7	6	6	3	4	7	7	11	13	7	8	12	13	4	4	6	7
Allen	20	22	28	35	21	31	13	18	12	12	12	14	12	12	12	14	13	16	16	17
Ashland	10	11	12	14	10	10	10	11	10	11	7	9	8	8	7	7	13	14	10	11
Ashtabula	20	25	26	27	29	32	24	26	18	20	24	28	23	24	18	18	28	30	21	22
Athens	8	8	7	7	14	14	5	6	11	12	10	11	9	10	5	6	8	8	7	7
Auglaize	1	1	9	9	7	8	7	7	11	12	10	13	7	8	11	12	7	8	12	13
Belmont	13	19	9	9	20	20	9	9	6	6	9	9	7	7	14	15	7	7	11	13
Brown	11	11	10	11	12	14	7	7	9	12	5	5	5	5	11	12	11	12	8	11
Butler	44	48	50	60	45	49	53	55	35	40	41	44	26	26	24	24	40	49	40	51
Carroll	7	7	5	7	10	12	8	8	5	5	7	7	2	2	5	5	6	6	3	3
Champaign	8	8	11	11	3	5	9	12	8	13	7	7	7	10	4	6	8	8	10	10
Clark	19	20	21	23	22	25	19	22	18	23	25	28	20	21	8	12	16	17	19	22
Clermont	19	21	26	28	22	25	32	35	30	33	21	24	19	21	19	21	21	24	29	35
Clinton	10	11	7	7	5	6	4	8	1	1	3	4	6	6	9	16	6	7	6	6
Columbiana	25	32	27	32	25	29	23	27	22	28	22	25	8	10	14	15	19	20	23	23
Coshocton	7	7	8	10	13	15	8	11	8	8	5	9	6	7	9	9	9	11	6	10
Crawford	7	7	8	8	15	17	13	13	10	10	6	7	3	3	5	9	7	8	10	14
Cuyahoga	167	179	157	173	197	216	178	194	162	173	123	137	144	155	156	172	148	154	123	131
Darke	13	14	10	10	19	23	13	17	4	5	16	18	14	15	11	11	9	10	11	15
Defiance	5	5	10	10	7	7	12	17	8	8	9	9	17	22	12	13	5	5	11	12
Delaware	16	21	12	13	21	26	18	22	15	18	15	20	14	15	10	10	19	23	19	22
Erie	26	26	26	31	33	36	17	18	10	14	10	12	16	17	25	27	16	17	14	15
Fairfield	14	15	19	21	12	14	16	18	16	17	6	7	16	18	12	16	12	12	11	11
Fayette	7	8	9	12	7	10	10	15	8	10	4	6	5	6	7	9	7	7	6	6
Franklin	95	105	87	100	108	125	114	127	103	117	97	100	90	99	97	101	81	86	85	91
Fulton	13	16	13	21	14	17	13	16	10	14	8	8	7	11	15	17	5	10	8	9
Gallia	4	4	4	4	9	10	4	5	7	7	7	7	2	2	7	7	6	6	7	8
Geauga	19	20	19	23	18	20	20	21	20	25	11	12	10	10	11	11	15	15	16	20
Greene	16	16	21	22	33	33	27	29	21	23	16	18	15	16	19	20	16	18	24	30
Guernsey	5	5	9	12	11	12	10	13	2	2	11	14	5	5	13	15	7	7	6	7
Hamilton	97	104	84	93	115	125	101	108	100	108	82	85	61	62	67	69	76	83	71	75
Hancock	9	11	23	26	13	15	22	24	6	6	9	11	9	10	13	13	15	15	22	25
Hardin	5	5	6	6	7	7	10	13	3	3	2	2	9	9	8	8	8	8	4	4
Harrison	2	3	5	5	4	5	9	9	2	2	4	5	3	3	7	8	3	3	5	5
Henry	14	14	14	16	13	16	6	7	10	15	5	8	11	12	9	10	14	16	7	7
Highland	8	11	4	4	6	7	14	15	2	2	5	6	5	7	6	7	7	7	8	8
Hocking	7	10	9	9	5	5	6	7	7	7	3	3	4	5	4	4	5	5	7	8
Holmes	4	4	6	6	7	9	4	4	9	9	3	3	9	10	5	5	6	8	5	6
Huron	12	13	11	15	13	15	17	20	9	9	13	20	8	11	13	15	7	11	9	9
Jackson	5	7	6	7	7	8	3	3	3	3	5	6	6	6	6	8	8	9	8	8
Jefferson	5	7	14	15	10	11	15	17	8	8	8	8	6	6	7	8	6	6	3	3
Knox	4	4	9	10	8	8	3	3	4	5	8	8	18	21	7	7	7	9	10	11
Lake	28	29	31	32	44	54	33	39	29	29	31	32	26	30	27	28	30	34	19	21
Lawrence	14	15	18	18	7	8	7	10	12	12	7	7	10	12	9	9	9	9	5	5
Licking	16	21	32	36	21	27	19	19	22	23	19	22	22	24	20	21	22	28	17	19

Fatal Accidents and Deaths Over The Last 10 Years—By County

FA = Fatal Accidents
D = Deaths

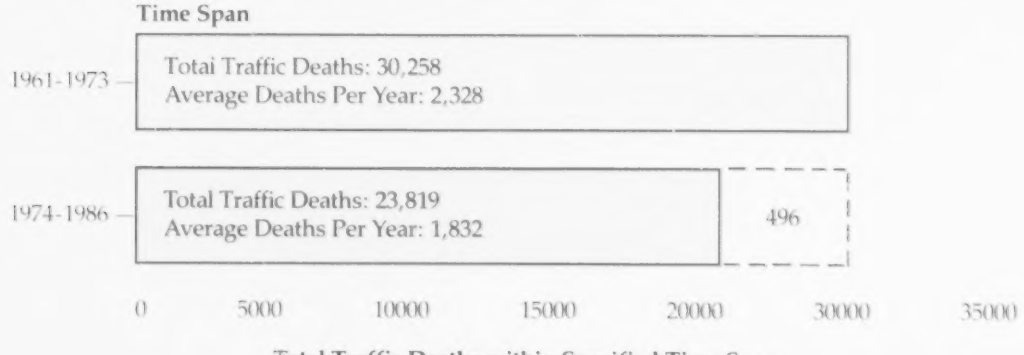
COUNTIES:	1977		1978		1979		1980		1981		1982		1983		1984		1985		1986	
	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.	FA.	D.
Logan	6	7	11	14	14	19	9	14	4	4	7	8	9	14	8	10	10	11	3	6
Lorain	44	53	42	55	49	52	53	61	40	52	35	37	37	40	34	37	30	34	31	35
Lucas	55	65	75	86	82	91	59	68	41	46	46	49	47	53	60	67	54	62	68	74
Madison	14	15	8	9	9	10	15	17	10	13	5	6	5	6	9	11	7	7	8	9
Mahoning	40	49	30	34	40	43	47	50	42	49	28	31	31	35	32	36	35	37	43	47
Marion	18	19	16	22	10	10	13	17	13	14	8	8	11	11	9	9	9	9	20	21
Medina	29	30	27	28	34	38	15	15	17	17	18	21	20	26	21	24	18	18	18	18
Meigs	6	6	3	3	3	3	6	8	2	2	4	4	8	10	1	1	2	2	3	3
Mercer	14	14	17	21	13	18	6	7	9	12	9	9	9	11	10	10	6	11	7	8
Miami	14	15	24	27	21	24	20	24	12	13	19	23	14	17	15	17	15	18	19	21
Monroe	2	2	4	4	3	4	1	1	2	2	5	5	3	4	2	4	6	7	6	7
Montgomery	86	103	64	67	93	100	90	101	59	68	61	65	61	72	56	67	51	61	67	71
Morgan	6	6	2	2	4	4	4	4	4	4	2	2	5	5	1	1	2	2	0	0
Morrow	9	10	5	5	7	11	8	10	5	5	6	7	9	11	7	7	2	2	7	8
Muskingum	15	17	19	24	13	15	24	24	14	16	13	18	7	7	13	15	15	15	10	17
Noble	3	3	3	3	0	0	3	4	4	4	1	1	4	4	1	1	2	2	3	4
Ottawa	18	21	14	21	8	8	11	14	10	15	9	11	11	14	15	15	11	14	9	11
Paulding	4	4	11	13	3	3	7	7	4	4	6	8	13	14	12	13	5	7	6	7
Perry	4	4	3	3	5	6	8	8	7	7	6	10	3	3	5	6	4	4	11	11
Pickaway	14	15	14	16	21	28	7	8	12	13	11	11	13	13	8	9	11	12	13	16
Pike	6	6	8	8	3	4	5	6	6	7	5	5	7	10	7	7	6	8	4	4
Portage	20	24	32	35	37	45	25	26	25	28	26	29	24	27	27	31	29	32	34	35
Preble	10	10	11	15	12	13	10	10	8	9	12	13	8	12	15	17	8	8	3	3
Putnam	6	7	6	11	13	15	7	7	5	5	5	6	5	6	8	12	9	12	4	6
Richland	18	20	18	18	23	25	26	32	22	27	15	18	12	12	24	26	23	26	13	14
Ross	9	10	15	15	11	15	18	21	12	14	15	15	11	13	5	6	13	17	10	11
Sandusky	16	23	19	24	21	26	12	14	19	21	18	21	13	16	14	20	16	20	14	14
Scioto	15	19	8	9	13	15	16	18	22	25	9	10	15	16	8	8	8	8	16	16
Seneca	12	14	15	19	21	26	13	15	10	14	16	18	10	13	10	11	15	18	15	17
Shelby	6	6	8	8	8	8	4	5	8	15	0	0	6	8	1	1	5	6	13	14
Stark	46	59	68	74	64	68	62	69	57	61	50	53	43	45	39	43	51	54	39	47
Summit	48	49	73	80	85	93	67	71	61	64	66	71	60	64	59	63	70	74	58	63
Trumbull	40	42	57	59	53	60	37	40	41	50	44	47	31	34	29	32	27	29	29	31
Tuscarawas	18	20	9	13	16	23	22	27	14	16	10	12	14	14	14	16	10	11	10	11
Union	6	7	6	8	7	7	10	10	6	7	6	7	9	11	12	15	6	6	8	10
Van Wert	10	11	6	8	5	6	4	4	5	5	5	5	4	4	4	4	5	5	3	3
Vinton	3	3	7	7	5	5	4	7	5	5	7	8	0	0	1	2	4	4	2	2
Warren	20	21	20	22	32	37	20	25	17	18	16	16	20	21	14	16	20	21	25	28
Washington	16	17	8	10	20	26	16	17	17	20	4	7	17	19	13	19	5	6	11	12
Wayne	18	18	21	23	14	15	21	25	22	25	22	23	10	12	20	21	23	26	27	30
Williams	15	16	9	11	10	12	10	11	10	11	13	14	7	8	10	12	10	12	8	10
Wood	29	33	35	43	45	48	19	19	26	35	21	23	27	33	29	32	25	33	22	27
Wyandot	4	4	12	16	12	15	3	3	7	10	10	12	9	10	7	8	3	3	5	5

Death Tolls Through The Years 1936-1986

YEAR	DEATHS	DEATH RATE**	YEAR	DEATHS	DEATH RATE**
1936	2,389	18.66	1961	1,679	4.26
1937	2,616	17.78	1962	1,864	4.65
1938	1,922	13.18	1963	2,011	4.78
1939	1,903	12.27	1964	2,108	4.75
1940	2,070	12.46	1965	2,333	4.99
1941	2,458	13.49	1966	2,605	5.40
1942	1,783	11.31	1967	2,533	5.09
1943	1,331	10.43	1968	2,555	4.84
1944	1,340	11.01	1969	2,778*	4.98
1945	1,545	11.14	1970	2,575	4.60
1946	1,823	9.94	1971	2,381	3.90
1947	1,830	9.14	1972	2,451	3.86
1948	1,856	8.40	1973	2,385	3.66
1949	1,716	7.27	1974	1,900	3.01
1950	1,754	6.98	1975	1,809	2.82
1951	1,778	6.63	1976	1,930	2.88
1952	2,013	7.01	1977	1,873	2.68
1953	2,047	6.67	1978	2,048	2.84
1954	1,883	5.93	1979	2,281	3.12
1955	2,074	6.31	1980	2,033	2.83
1956	2,023	5.85	1981	1,780	2.48
1957	2,053	5.72	1982	1,618	2.29
1958	1,817	4.91	1983	1,585	2.16
1959	1,853	4.88	1984	1,645	2.19
1960	1,907	4.93	1985	1,644	2.17
			1986	1,673	2.14

*Denotes record
**Deaths per 100 million miles traveled
Note: 101,861 persons have been killed on Ohio highways since 1936 when Ohio started recording fatalities – an average of 2,037 per year

Ohio Deaths Before and After The 55 MPH Speed Law



Crashes, Deaths and Injuries During Holiday Weekends

HOLIDAY	YEAR	DAYS*	ACCIDENTS	DEATHS	INJURIES
New Year's Day	1985-86	4¼	3,786	18	1,079
	1984-85	4¼	3,473	21	1,868
	1983-84	3¼	2,803	12	1,202
Memorial Day	1986	3¼	2,875	23	1,166
	1985	3¼	2,766	28	1,785
	1984	3¼	2,781	24	1,858
Independence Day	1986	3¼	2,694	17	1,116
	1985	4¼	3,693	16	2,334
	1984	1¼	1,236	8	757
Labor Day	1986	3¼	3,742	21	1,527
	1985	3¼	2,543	20	1,601
	1984	3¼	2,822	14	1,869
Thanksgiving	1986	4¼	3,654	12	1,192
	1985	4¼	3,960	17	2,053
	1984	4¼	3,356	19	1,780
Christmas	1986	4¼	4,088	9	1,015
	1985	1½	975	2	413
	1984	4¼	4061	29	2168

* "Days" refers to the length of the holiday weekend period, including the hours of 6PM to midnight of the day preceding the holiday.

NOTE - Accident experience during the 1986 holiday weekends shows the following:

13% of accidents were alcohol-related

61% of deaths were alcohol-related

31% of injuries were alcohol-related

Deaths and Injuries By Sex

	DEATHS			INJURIES			
AGE GROUP	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	NOT STATED
0-5	37	23	14	5,698	2,866	2,505	327
6-10	31	24	7	5,670	2,860	2,543	267
11-15	72	52	20	8,670	4,433	3,921	316
16-20	302	233	69	37,813	21,650	15,639	524
21-25	344	268	76	30,333	17,625	12,374	334
26-30	203	157	46	23,408	13,455	9,708	245
31-35	131	96	35	17,505	9,537	7,803	165
36-40	101	78	23	13,947	7,219	6,587	141
41-45	65	44	21	9,748	4,810	4,837	101
46-50	63	45	18	7,438	3,688	3,680	70
51-55	47	28	19	6,373	3,196	3,097	80
56-60	52	36	16	6,227	3,078	3,072	77
61-65	51	35	16	5,350	2,611	2,667	72
66-70	37	22	15	3,888	1,801	2,030	57
71-75	37	18	19	2,761	1,245	1,479	37
76 & Over	100	59	41	3,168	1,467	1,643	58
Not Stated	0			3,967	1,148	1,432	1,387
TOTAL	1,673	1,218	455	191,964	102,689	85,017	4,258

Age Distribution of Persons Killed

AGE	TOTAL KILLED	TOTAL % OF TOTAL	DRIVERS KILLED	DRIVERS % OF DRIVERS	PASSENGERS KILLED	PASSENGERS % OF PASS.	PEDESTRIANS KILLED	PEDESTRIANS % OF PEDESTRIANS
0- 5	37	2.2%	2	0.2%	20	4.7%	15	8.2%
6-10	31	1.9%	9	0.8%	11	2.6%	11	6.0%
11-15	72	4.3%	25	2.4%	40	9.4%	7	3.8%
16-20	302	18.1%	179	16.8%	110	25.8%	13	7.1%
21-25	344	20.6%	245	23.0%	74	17.4%	25	13.6%
26-30	203	12.1%	153	14.4%	38	8.9%	12	6.5%
31-35	131	7.8%	99	9.3%	21	4.9%	11	6.0%
36-40	101	6.0%	77	7.2%	15	3.5%	9	4.9%
41-45	65	3.9%	48	4.5%	10	2.3%	7	3.8%
46-50	63	3.8%	46	4.3%	6	1.4%	11	6.0%
51-55	47	2.8%	29	2.7%	10	2.3%	8	4.3%
56-60	52	3.1%	33	3.1%	9	2.1%	10	5.4%
61-65	51	3.0%	32	3.0%	12	2.8%	7	3.8%
66-70	37	2.2%	23	2.2%	9	2.1%	5	2.7%
71-75	37	2.2%	14	1.3%	14	3.3%	9	4.9%
76 & Over	100	6.0%	49	4.6%	27	6.3%	24	13.0%
Not Stated	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL	1,673	100%	1,063	100%	426	100%	184	100%

*Includes drivers of bicycles, buggies, and other non-motor vehicles

Age Distribution of Persons Injured

AGE	TOTAL KILLED	TOTAL % OF TOTAL	DRIVERS KILLED	DRIVERS % OF DRIVERS	PASSENGERS KILLED	PASSENGERS % OF PASS.	PEDESTRIANS KILLED	PEDESTRIANS % OF PEDESTRIANS
0- 5	5,698	3.0%	115	0.1%	5,106	8.9%	477	9.7%
6-10	5,670	3.0%	818	0.6%	3,989	7.0%	863	17.6%
11-15	8,670	4.5%	1,989	1.5%	6,041	10.6%	640	13.0%
16-20	37,813	19.7%	24,862	19.1%	12,402	21.7%	549	11.2%
21-25	30,333	15.8%	23,032	17.7%	6,858	12.0%	443	9.0%
26-30	23,408	12.2%	18,518	14.3%	4,576	8.0%	314	6.4%
31-35	17,505	9.1%	14,153	10.9%	3,072	5.4%	280	5.7%
36-40	13,947	7.3%	11,318	8.7%	2,377	4.2%	252	5.1%
41-45	9,748	5.1%	7,871	6.1%	1,733	3.0%	144	2.9%
46-50	7,438	3.9%	5,851	4.5%	1,471	2.6%	116	2.4%
51-55	6,373	3.3%	4,996	3.8%	1,276	2.2%	101	2.1%
56-60	6,227	3.2%	4,685	3.6%	1,395	2.4%	147	3.0%
61-65	5,350	2.8%	3,860	3.0%	1,392	2.4%	98	2.0%
66-70	3,888	2.0%	2,649	2.0%	1,135	2.0%	104	2.1%
71-75	2,761	1.4%	1,886	1.5%	798	1.4%	77	1.6%
76 & Over	3,168	1.7%	1,971	1.5%	1,065	1.9%	132	2.7%
Not Stated	3,967	2.1%	1,288	1.0%	2,504	4.4%	175	3.6%
TOTAL	191,964	100%	129,862	100%	57,190	100%	4,912	100%

*Includes drivers of bicycles, buggies, and other non-motor vehicles

Injuries by Month

MONTH	DEATHS	TOTAL INJURIES	SERIOUS VISIBLE INJURIES	MINOR VISIBLE INJURIES	(CLAIMED) POSSIBLE INJURIES
January	110	13,596	834	5,007	7,755
February	76	13,296	855	4,801	7,640
March	112	13,739	988	5,220	7,531
April	133	15,515	1,193	5,789	8,533
May	138	17,087	1,346	6,546	9,195
June	171	18,533	1,423	7,547	9,563
July	176	17,436	1,454	7,111	8,871
August	188	17,828	1,432	7,286	9,110
September	153	15,957	1,223	6,153	8,581
October	158	17,194	1,169	6,303	9,722
November	133	16,041	1,108	5,667	9,266
December	125	15,742	923	5,506	9,313
TOTAL	1,673	191,964	13,948	72,936	105,080

Injuries By Day

DAY	KILLED	%	INJURED	%
Monday	170	10.2%	24,863	13.0%
Tuesday	207	12.4%	26,463	13.8%
Wednesday	215	12.9%	26,060	13.6%
Thursday	211	12.6%	25,762	13.4%
Friday	274	16.4%	33,247	17.3%
Saturday	359	21.5%	31,382	16.3%
Sunday	237	14.2%	24,187	12.6%
TOTAL	1,673	100%	191,964	100%

Injuries By Type of Crash

	DEATHS			INJURIES		
FIRST HARMFUL EVENT	TOTAL	% URBAN	% RURAL	TOTAL	% URBAN	% RURAL
Head-On	236	22.0	78.0	9,242	51.8	48.2
Rear-end	67	40.3	59.7	51,400	70.1	29.9
Backing	0	0.0	0.0	2,167	76.2	23.8
Sideswipe	44	52.3	47.7	11,692	69.6	30.4
Angle	309	27.5	72.5	62,203	68.1	31.9
Subtotal: 2MV's in Transport	656	28.5	71.5	136,704	68.0	32.0
Parked MV	40	32.5	67.5	4,700	82.9	17.1
Pedestrian	171	57.3	42.7	5,145	84.7	15.3
Animal	2	0.0	100.0	1,024	10.6	89.4
Train	53	28.3	71.7	208	44.7	55.3
Pedalcycle	36	33.3	66.7	3,532	82.5	17.5
Other Non-MV	3	33.3	66.7	88	11.4	88.6
Fixed Object	636	34.4	65.6	34,393	35.7	64.3
Other Object	7	85.7	14.3	955	43.8	56.2
Fall From/In MV	10	60.0	40.0	534	57.5	42.5
Overturning	55	18.2	81.8	3,418	24.3	75.7
Other Non-Collision	4	25.0	75.0	1,249	40.8	59.2
TOTAL	1,673	34.0	66.0	191,964	61.8	38.2

*Totals include 14 injuries in accidents with "type of crash" not stated.

Pedestrian Injuries Over The Last Five Years

	1986	1985	1984	1983	1982
Pedestrian Deaths	184	210	200	223	245
Total Deaths	1,673	1,644	1,645	1,585	1,618
% Pedestrian Deaths To Total Deaths	11%	13%	12%	14%	15%
Pedestrian Injuries	4,912	4,827	4,852	4,616	4,613
Total Injuries	191,964	187,165	176,310	162,478	164,665
% Pedestrian Injuries To Total Injuries	2.5%	2.6%	2.8%	2.8%	2.8%

Drivers In Crashes: Proportion of All Licensed Drivers By Age Group

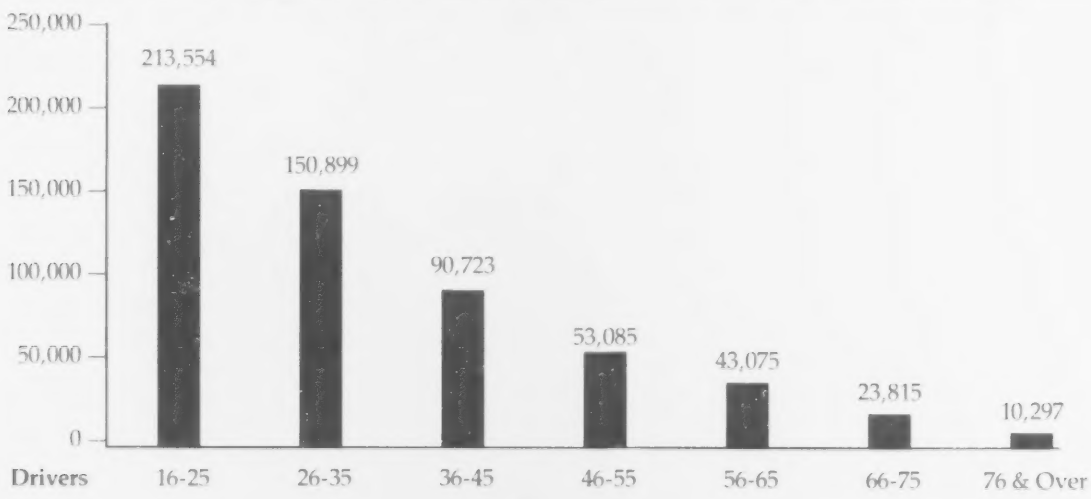
	LICENSED DRIVERS		DRIVERS IN ALL ACCIDENTS				
AGE GROUP	TOTAL	% OF TOTAL	TOTAL	% OF TOTAL	RATIO*	IN FATAL ACCIDENTS	IN INJURY ACCIDENTS
16-20	604,793	8.2%	111,175	17.6%	1 in 5	387	39,235
21-25	837,157	11.3%	102,379	16.2%	1 in 8	472	35,495
26-30	919,869	12.4%	84,651	13.4%	1 in 11	318	28,999
31-35	862,816	11.7%	66,248	10.5%	1 in 13	230	22,504
36-40	803,683	10.9%	53,709	8.5%	1 in 15	179	18,061
41-45	598,478	8.1%	37,014	5.8%	1 in 16	119	12,564
46-50	509,972	6.9%	28,611	4.5%	1 in 18	91	9,606
51-55	462,601	6.2%	24,475	3.9%	1 in 19	83	8,110
56-60	476,105	6.4%	23,536	3.7%	1 in 20	71	7,853
61-65	451,617	6.1%	19,539	3.1%	1 in 23	71	6,533
66-70	358,265	4.8%	13,980	2.2%	1 in 26	45	4,619
71-75	257,136	3.5%	9,835	1.6%	1 in 26	28	3,297
76-Over	259,915	3.5%	10,297	1.6%	1 in 25	65	3,436
TOTALS	7,402,416	100%	633,333	100%	1 in 12	2,280	212,348

*Ratio is rounded to the nearest whole number and reflects the chances of involvement in an accident.

Note: The driver in accident total includes drivers under age 15, and drivers with age not stated such as hit-skip drivers.

Licensed drivers total includes 9 individuals who were licensed to drive before the age of 16.

Drivers in Crashes By Age Groups



Male Drivers In Crashes: Proportion of All Licensed Drivers By Age Group

	LICENSED DRIVERS		DRIVERS IN ALL ACCIDENTS				
AGE GROUP	TOTAL	% OF TOTAL	TOTAL	% OF TOTAL	RATIO*	IN FATAL ACCIDENTS	IN INJURY ACCIDENTS
16-20	322,968	4.4%	72,684	11.5%	1 in 4	302	25,431
21-25	432,351	5.8%	66,620	10.5%	1 in 6	372	22,858
26-30	466,259	6.3%	54,712	8.6%	1 in 9	271	18,545
31-35	435,288	5.9%	41,431	6.5%	1 in 11	189	13,720
36-40	403,048	5.4%	32,632	5.2%	1 in 12	146	10,711
41-45	300,880	4.1%	22,747	3.6%	1 in 13	88	7,449
46-50	255,423	3.5%	18,094	2.9%	1 in 14	74	5,862
51-55	236,073	3.2%	15,766	2.5%	1 in 15	65	5,057
56-60	246,275	3.3%	15,430	2.4%	1 in 16	55	4,993
61-65	233,428	3.2%	12,786	2.0%	1 in 18	48	4,196
66-70	184,961	2.5%	8,965	1.4%	1 in 21	34	2,928
71-75	132,598	1.8%	6,174	1.0%	1 in 21	19	2,065
76-Over	138,397	1.9%	6,568	1.0%	1 in 21	49	2,211
TOTALS	3,787,958	51.2%	380,353	60.1%	1 in 10	1,756	128,953

*Ratio is rounded to the nearest whole number and reflects the chances of involvement in an accident.

Note: The driver in accident total includes drivers under age 15, and drivers with age not stated such as hit 'skip' drivers.

Licensed drivers total includes 9 individuals who were licensed to drive before the age of 16.

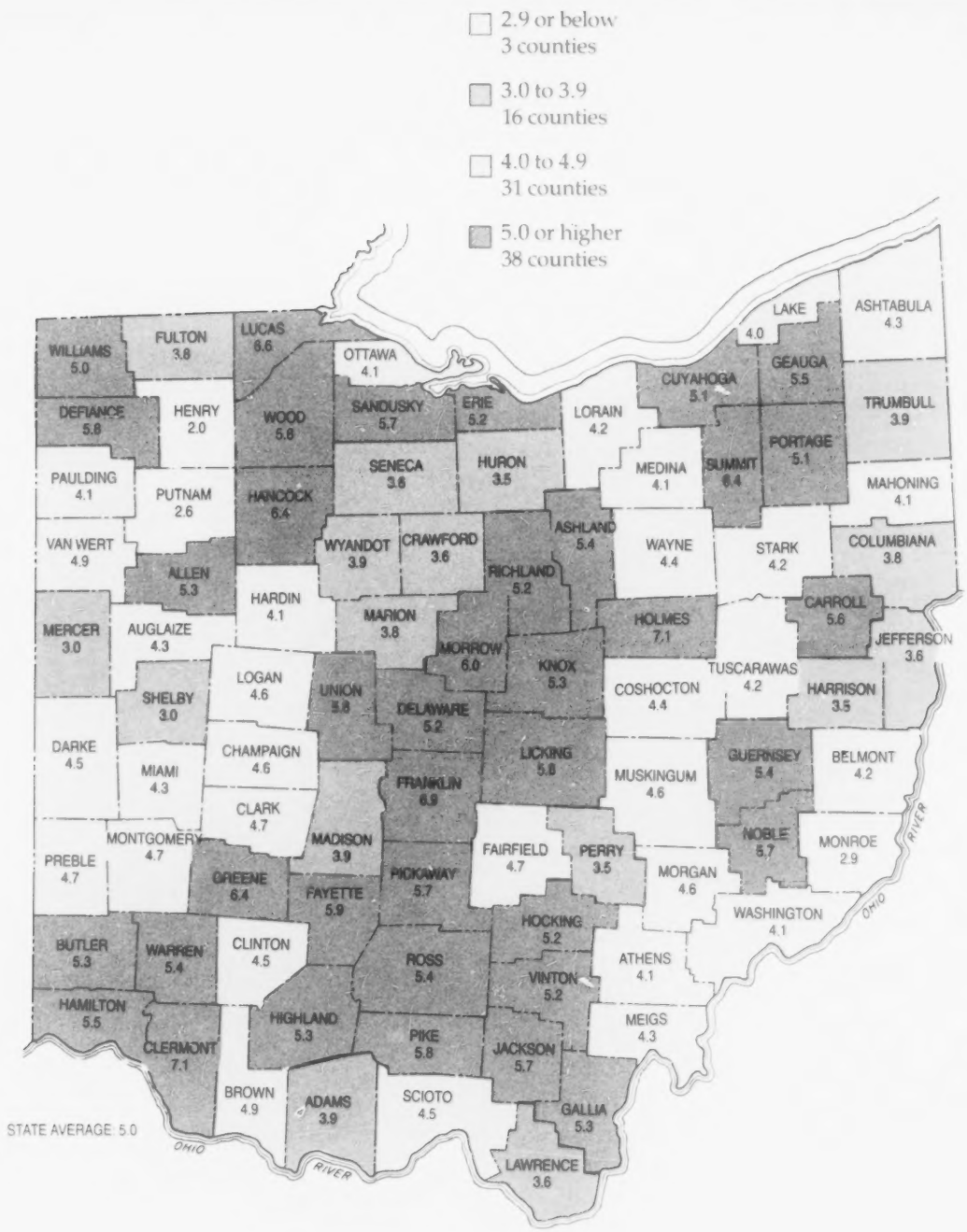
Female Drivers In Crashes: Proportion of All Licensed Drivers By Age Group

	LICENSED DRIVERS		DRIVERS IN ALL ACCIDENTS				
AGE GROUP	TOTAL	% OF TOTAL	TOTAL	% OF TOTAL	RATIO*	IN FATAL ACCIDENTS	IN INJURY ACCIDENTS
16-20	281,825	3.8%	38,181	6.0%	1 in 7	85	13,690
21-25	404,806	5.5%	35,458	5.6%	1 in 11	100	12,527
26-30	453,610	6.1%	29,712	4.7%	1 in 15	47	10,390
31-35	427,528	5.8%	24,634	3.9%	1 in 17	41	8,719
36-40	400,635	5.4%	20,917	3.3%	1 in 19	33	7,299
41-45	297,598	4.0%	14,149	2.2%	1 in 21	31	5,071
46-50	254,549	3.4%	10,427	1.6%	1 in 24	17	3,711
51-55	226,528	3.1%	8,643	1.4%	1 in 26	18	3,028
56-60	229,830	3.1%	8,039	1.3%	1 in 29	16	2,835
61-65	218,189	2.9%	6,700	1.1%	1 in 33	23	2,324
66-70	173,304	2.3%	4,969	0.8%	1 in 35	11	1,677
71-75	124,538	1.7%	3,631	0.6%	1 in 34	9	1,221
76-Over	121,518	1.6%	3,693	0.6%	1 in 33	16	1,213
TOTAL	3,614,458	48.8%	211,394	33.4%	1 in 17	449	74,768

*Ratio is rounded to the nearest whole number and reflects the chances of involvement in an accident.

Note: The driver in accident total includes drivers under age 15, and drivers with age not stated such as hit 'skip' drivers.

Total Crashes Per 100 Licensed Drivers by County



Drivers in All Crashes By Age and Vehicle Type

AGE	PASSENGER CARS	TRUCKS	MOTOR-CYCLES	ALL OTHER VEHICLES	TOTAL
15-Under	756	97	187	2,847	3,887
16-20	97,703	10,647	1,532	1,293	111,175
21-25	82,847	16,378	1,846	1,308	102,379
26-30	64,361	17,336	1,341	1,613	84,651
31-35	49,581	14,253	858	1,556	66,248
36-40	40,514	11,235	582	1,378	53,709
41-45	27,450	8,259	315	990	37,014
46-50	21,081	6,556	188	786	28,611
51-55	18,395	5,380	96	604	24,475
56-60	18,268	4,628	68	572	23,536
61-65	16,153	2,995	27	364	19,539
66-70	12,254	1,495	15	216	13,980
71-75	8,934	789	11	101	9,835
76-Over	9,628	549	6	114	10,297
Not Stated	21,650	6,656	181	15,510	43,997
TOTAL	489,575	107,253	7,253	29,252	633,333

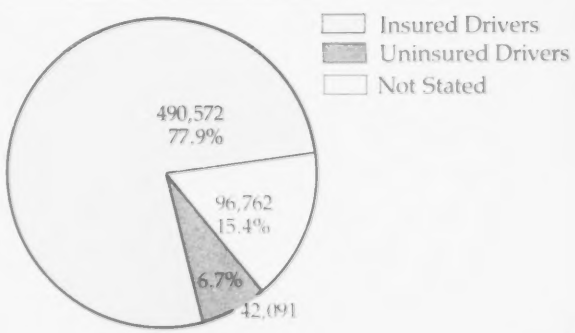
Drivers In Fatal Crashes By Age and Vehicle Type

AGE	PASSENGER CARS	TRUCKS	MOTOR-CYCLES	ALL OTHER VEHICLES	TOTAL
15-Under	6	0	6	32	44
16-20	324	39	19	5	387
21-25	321	77	65	9	472
26-30	183	83	51	1	318
31-35	127	69	28	6	230
36-40	108	48	15	8	179
41-45	55	42	16	6	119
46-50	54	30	7	0	91
51-55	50	28	2	3	83
56-60	53	15	1	2	71
61-65	61	8	0	2	71
66-70	31	11	1	2	45
71-75	21	4	1	2	28
76-Over	61	4	0	0	65
Not Stated	22	8	0	47	77
TOTAL	1,477	466	212	125	2,280

Uninsured Drivers In Crashes

Drivers Insured	490,572 or	77.9%
Drivers Not Insured	42,091 or	6.7%
Insurance Not Reported	96,762 or	15.4%
Total	629,425	100%

Drivers Not Insured	**Male**	**Female**
Total	29,981	11,064



Note: Insurance figures are based upon information reported by police on state traffic accident reports.

This report excludes drivers of non-motor vehicles, such as bicycles, animal and rider, or animal and buggy, and drivers where sex not stated.

Uninsured Drivers At Fault

AGE	UNINSURED DRIVERS	DRIVERS AT FAULT	% AT FAULT
15 & Under	410	197	48.0%
16-20	8,488	4,403	51.9%
21-25	11,084	5,383	48.6%
26-30	7,900	3,833	48.5%
31-35	4,754	2,421	50.9%
36-40	2,938	1,653	56.3%
41-45	1,664	967	58.1%
46-50	1,112	716	64.4%
51-55	830	589	71.0%
56-60	689	513	74.5%
61-65	429	417	97.2%
66-70	283	249	88.0%
71-75	159	136	85.5%
76 & Over	171	124	72.5%
Not Stated	1,180	715	60.6%
TOTAL	42,091	22,316	53%

Summary of Persons Killed or Injured in Crashes By The Uninsured Driver At Fault

	WHO THE DRIVER AT FAULT KILLED*				WHO THE DRIVER AT FAULT INJURED*			
AGE OF DRIVER	THEM-SELVES	THEIR PASSENGERS	OTHERS	TOTAL	THEM-SELVES	THEIR PASSENGERS	OTHERS	TOTAL
16	1	2	0	3	105	76	135	316
17	3	3	2	8	168	107	268	543
18	2	1	2	5	311	197	485	993
19	3	10	9	22	311	189	549	1,049
20	5	2	5	12	312	156	528	996
16-20	14	18	18	50	1,207	725	1,965	3,897
21	6	6	2	14	355	175	531	1,061
22	4	1	1	6	310	154	484	948
23	7	5	6	18	323	173	499	995
24	5	4	8	17	303	148	478	929
25	5	9	2	16	268	144	433	845
21-25	27	25	19	71	1,559	794	2,425	4,778
26-30	13	6	13	31	1,051	495	1,715	3,261
31-35	9	5	9	23	733	359	1,168	2,260
36-40	3	0	3	6	475	214	767	1,456
41-45	1	0	2	3	236	94	439	769
46-50	0	1	1	2	170	70	303	543
51-55	1	1	0	2	147	63	297	507
56-60	3	1	3	6	132	48	222	402
61-65	0	0	1	1	94	35	166	295
66-70	1	0	3	4	56	14	89	159
71-75	0	0	1	1	29	7	59	95
76 & Over	1	0	0	1	30	16	59	105
26 & Over	32	14	36	81	3,153	1,415	5,284	9,852
TOTAL**	76	57	81	214	6,075	2,990	10,035	19,100

*The age of those killed or injured is not necessarily the same as the age of the driver at fault.

**Totals include age not stated or when age of driver is 15 years or younger.

Ohio Licensed Drivers By Age

AGE	TOTAL	% OF ALL DRIVERS	MALE	FEMALE
16	66,047	0.9%	36,232	29,815
17	118,398	1.6%	63,392	55,006
18	134,278	1.8%	72,009	62,269
19	143,746	1.9%	76,992	66,754
20	142,324	1.9%	74,343	67,981
16-20	604,793	8.2%	322,968	281,825
21	152,766	2.1%	79,929	72,837
22	165,305	2.2%	85,039	80,266
23	178,826	2.4%	92,828	85,998
24	165,728	2.2%	85,227	80,501
25	174,532	2.4%	89,328	85,204
21-25	837,157	11.3%	432,351	404,806
26	184,288	2.5%	93,745	90,543
27	186,808	2.5%	95,038	91,770
28	177,732	2.4%	89,788	87,944
29	184,663	2.5%	93,441	91,222
30	186,378	2.5%	94,247	92,131
26-30	919,869	12.4%	466,259	453,610
31	177,842	2.4%	89,796	88,046
32	178,108	2.4%	90,208	87,900
33	173,955	2.3%	87,501	86,454
34	167,484	2.3%	84,367	83,117
35	165,427	2.2%	83,416	82,011
31-35	862,816	11.7%	435,288	427,528
36	162,630	2.2%	81,928	80,702
37	156,475	2.1%	78,231	78,244
38	157,452	2.1%	78,899	78,553
39	160,821	2.2%	80,466	80,355
40	166,305	2.2%	83,524	82,781
36-40	803,683	10.9%	403,048	400,635
41	117,087	1.6%	59,178	57,909
42	116,819	1.6%	58,816	58,003
43	118,885	1.6%	59,604	59,281
44	129,421	1.7%	64,924	64,497
45	116,266	1.6%	58,358	57,908
41-45	598,478	8.1%	300,880	297,598
46	106,831	1.4%	53,452	53,379
47	102,379	1.4%	51,036	51,343
48	102,704	1.4%	51,562	51,142
49	101,441	1.4%	50,673	50,768
50	96,617	1.3%	48,700	47,917
46-50	509,972	6.9%	255,423	254,549
51	95,664	1.3%	48,651	47,013
52	96,220	1.3%	48,859	47,361
53	87,775	1.2%	44,803	42,972
54	91,522	1.2%	46,913	44,609
55	91,420	1.2%	46,847	44,573
51-55	462,601	6.2%	236,073	226,528

Ohio Licensed Drivers By Age (Cont.)

AGE	TOTAL	% OF ALL DRIVERS	MALE	FEMALE
56	94,711	1.3%	48,754	45,957
57	95,047	1.3%	49,023	46,024
58	93,998	1.3%	48,645	45,353
59	96,377	1.3%	49,775	46,602
60	95,972	1.3%	50,078	45,894
56-60	476,105	6.4%	246,275	229,830
61	93,679	1.3%	48,338	45,341
62	93,928	1.3%	48,388	45,540
63	90,950	1.2%	47,221	43,729
64	87,206	1.2%	45,092	42,114
65	85,854	1.2%	44,389	41,465
61-65	451,617	6.1%	233,428	218,189
66	81,569	1.1%	42,205	39,364
67	74,485	1.0%	38,433	36,052
68	71,182	1.0%	36,611	34,571
69	68,438	0.9%	35,340	33,098
70	62,591	0.8%	32,372	30,219
66-70	358,265	4.8%	184,961	173,304
71	60,058	0.8%	31,106	28,952
72	56,059	0.8%	29,000	27,059
73	51,740	0.7%	26,660	25,080
74	47,442	0.6%	24,379	23,063
75	41,837	0.6%	21,453	20,384
71-75	257,136	3.5%	132,598	124,538
76 & Over	259,915	3.5%	138,397	121,518
TOTAL	7,402,416	100%	3,787,958	3,614,458

Driver Conviction Totals for Offenses Committed In 1986

RANK	VIOLATION	NUMBER OF CONVICTIONS	% OF TOTAL
1.	Speed	748,845	54.7%
2.	Traffic Control Lights	87,045	6.4%
3.	Driving Under The Influence of Alcohol	68,974	5.0%
4.	Stop Signs	55,594	4.1%
5.	Failure To Yield Right-Of-Way	47,544	3.5%
6.	Assured Clear Distance	45,635	3.3%
7.	Failure To Control	38,478	2.8%
8.	No Driver's License	38,223	2.8%
9.	Improper/Prohibited Turn	26,178	1.9%
10.	Violation of Traffic Lanes/Lines	24,681	1.8%
11.	Violation of Registration/Title	22,641	1.7%
12.	Reckless Operation	21,664	1.6%
13.	Violation of Traffic Control Device/Signs	20,004	1.5%
14.	Driving Under Suspension/Revocation	14,374	1.0%
15.	Violation Starting/Backing	12,923	0.9%
16-On	All Other Violations	95,716	7.0%
TOTAL CONVICTIONS		1,368,519	100%

Types of Vehicles Involved In Crashes

VEHICLE TYPES	IN ALL ACCIDENTS	%	IN FATAL ACCIDENTS	%	DEATHS	INJURIES
Subcompact	43,032	6.4%	139	5.9%	123	14,194
Compact	141,866	21.0%	404	17.2%	310	44,305
Mid-Size	177,779	26.3%	530	22.5%	376	50,989
Full-Size	161,046	23.8%	450	19.1%	261	42,088
Car—Subtotal	**523,723**	**77.5%**	**1,523**	**64.7%**	**1,070**	**151,576**
Pick-Up Truck	59,506	8.8%	208	8.8%	95	13,186
Panel Truck	25,731	3.8%	67	2.8%	27	5,322
Straight Truck	11,992	1.8%	69	2.9%	13	1,373
Straight Truck w/Trailer	1,585	0.2%	3	0.1%	1	172
Truck Tractor	1,022	0.2%	5	0.2%	0	133
Tractor Semi-Trailer	14,125	2.1%	139	5.9%	18	1,500
Tractor Double Trailer	291	0%	1	0%	1	47
Truck—Subtotal	**114,252**	**16.9%**	**492**	**20.9%**	**155**	**21,733**
Motorcycle—Up To 350cc	1,079	0.2%	30	1.3%	32	964
Motorcycle—Up To 750cc	4,076	0.6%	100	4.2%	98	3,803
Motorcycle—Over 750cc	2,228	0.3%	82	3.5%	81	2,098
Motorcycle—Subtotal	**7,383**	**1.1%**	**212**	**9.0%**	**211**	**6,865**
Police Vehicle	1,087	0.2%	4	0.2%	1	379
Fire Truck	257	0%	0	0%	0	66
Ambulance/Rescue	320	0%	1	0%	1	142
Public Safety Veh.—Subtotal	**1,664**	**0.2%**	**5**	**0.2%**	**2**	**587**
Public Bus	1,301	0.2%	5	0.2%	0	323
Taxi	231	0%	1	0%	0	76
Train	401	0.1%	42	1.8%	0	7
Public Transportation—Subtotal	**1,933**	**0.3%**	**48**	**2.0%**	**0**	**406**
School Bus	1,954	0.3%	6	0.3%	0	388
Church Bus	117	0%	0	0%	0	55
Motor Home	620	0.1%	3	0.1%	1	107
Farm Vehicle	487	0.1%	4	0.2%	3	65
Farm Equipment	161	0%	2	0.1%	2	19
Snowmobile	10	0%	0	0%	0	8
Construction Equipment	491	0.1%	2	0.1%	0	26
Motorized Bicycles (Mopeds)	515	0.1%	6	0.3%	5	440
Other Motor Vehicles	1,211	0.2%	3	0.1%	1	246
Other Motor Vehicles—Subtotal	**5,566**	**0.8%**	**26**	**1.1%**	**12**	**1,354**
Bicycle	3,801	0.6%	38	1.6%	36	3,469
Animal w/Rider	12	0%	2	0.1%	1	8
Animal w/Buggy	100	0%	2	0.1%	2	65
Non-Motor Vehicles—Subtotal	**3,913**	**0.6%**	**42**	**1.8%**	**39**	**3,542**
TOTAL VEHICLES	675,549	100%	2,354	100%	1,489	187,051

* Totals include "not stated" vehicles, such as hit/skip.

Crash Severity By Type of Vehicles

ACCIDENT SEVERITY	MOTORCYCLES	TRUCKS	PASSENGERS
Fatal	2.9%	0.4%	0.3%
Injury	82.6%	27.8%	32.8%
Property Damage Only	14.5%	71.8%	66.9%

Injury Severity By Car Size

INJURY SEVERITY	SUBCOMPACT TOTAL	%	COMPACT TOTAL	%	MID-SIZE TOTAL	%	FULL-SIZE TOTAL	%
Killed	123	0.22	310	0.17	376	0.16	261	0.12
Serious Visible	1,076	1.92	2,938	1.58	2,936	1.24	2,145	1.00
Minor Visible	5,542	9.88	16,787	9.03	18,149	7.65	13,337	6.18
Non-Visible (Claimed)	7,576	13.50	24,580	13.18	29,904	12.60	26,606	12.34
Sub-Total Killed & Injured	14,317	25.52	44,615	24.00	51,365	21.65	42,349	19.64
Not Injured	41,789	74.48	141,279	76.00	185,877	78.35	173,265	80.36
TOTAL	56,106	100%	185,894	100%	237,242	100%	215,614	100%

Injury Severity by Car Size

Age of Passenger Car Occupants Killed or Injured

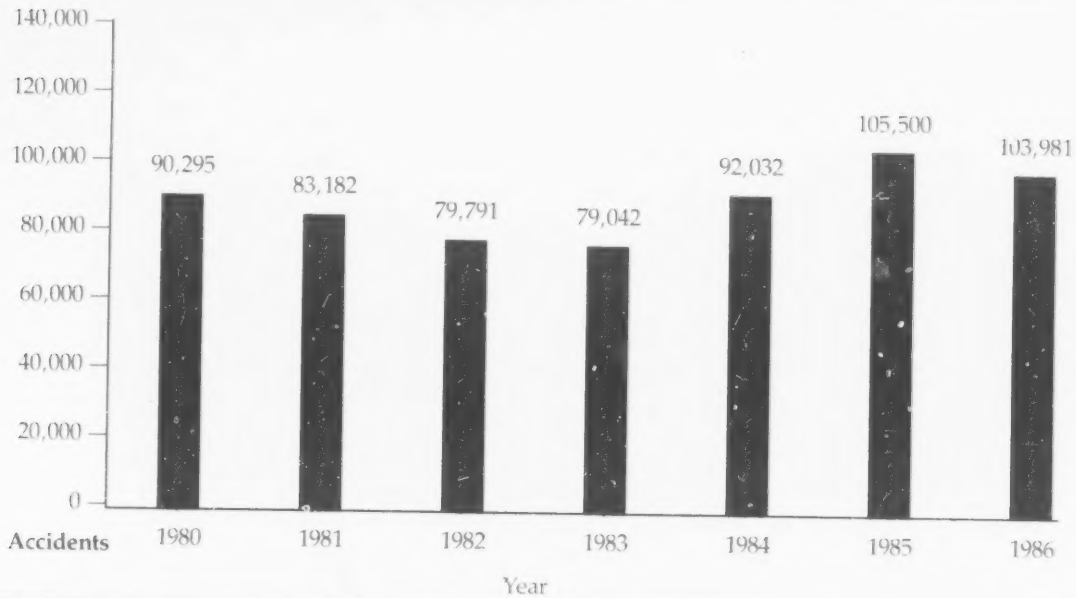
AGE GROUP	KILLED	%	INJURED	%
0-5	20	1.9%	4,535	3.0%
6-10	8	0.7%	3,448	2.3%
11-15	34	3.2%	5,341	3.5%
16-20	246	23.0%	31,917	21.1%
21-25	213	19.9%	24,152	15.9%
26-30	126	11.8%	17,978	11.9%
31-35	73	6.8%	13,445	8.9%
36-40	60	5.6%	10,842	7.2%
41-45	37	3.5%	7,585	5.0%
46-50	34	3.2%	5,858	3.9%
51-55	28	2.6%	5,107	3.4%
56-60	35	3.3%	5,130	3.4%
61-65	36	3.4%	4,577	3.0%
66-70	23	2.1%	3,387	2.2%
71-75	25	2.3%	2,466	1.6%
76 & Over	72	6.7%	2,836	1.9%
Not Stated	0	0.0%	2,972	2.0%
TOTAL	1,070	100%	151,576	100%

Director William Denihan congratulates Judge Edward O'Farrell after receiving the 1986 Felty Award. The Felty Award is presented to outstanding individuals and organizations who contribute to the efforts of highway safety.

Passenger Car Deaths and Injuries By Position In Vehicles

POSITION	KILLED	%	INJURED	%	NOT INJURED	%
Front Left	721	67.4	103,070	68.0	387,830	71.6
Front Center	10	1.0	1,893	1.2	4,850	0.9
Front Right	238	22.3	32,419	21.4	74,200	13.7
Back Left	39	3.7	4,859	3.2	14,703	2.7
Back Center	8	0.8	2,064	1.4	6,123	1.1
Back Right	48	4.2	6,419	4.2	19,137	3.5
Other	6	0.6	852	0.6	35,367	6.5
TOTALS	1,070	100%	151,576	100%	542,210	100%

Crashes Involving Trucks: 1980-1986



Age of Truck Occupants Killed or Injured

AGE GROUP	KILLED	%	INJURED	%
0-5	0	0%	503	2.3%
6-10	3	1.9%	402	1.8%
11-15	4	2.6%	586	2.7%
16-20	19	12.3%	2,946	13.6%
21-25	29	18.7%	3,445	15.9%
26-30	20	12.9%	3,338	15.4%
31-35	17	11.0%	2,519	11.6%
36-40	15	9.7%	1,988	9.1%
41-45	7	4.5%	1,512	7.0%
46-50	12	7.7%	1,134	5.2%
51-55	8	5.2%	968	4.5%
56-60	4	2.6%	786	3.6%
61-65	6	3.9%	549	2.5%
66-70	6	3.9%	324	1.5%
71-75	1	0.6%	170	0.8%
76 & Over	4	2.6%	147	0.7%
Not Stated	0	0%	416	1.9%
TOTAL	155	100%	21,733	100%

Crashes, Deaths, and Injuries Caused By Truck Drivers

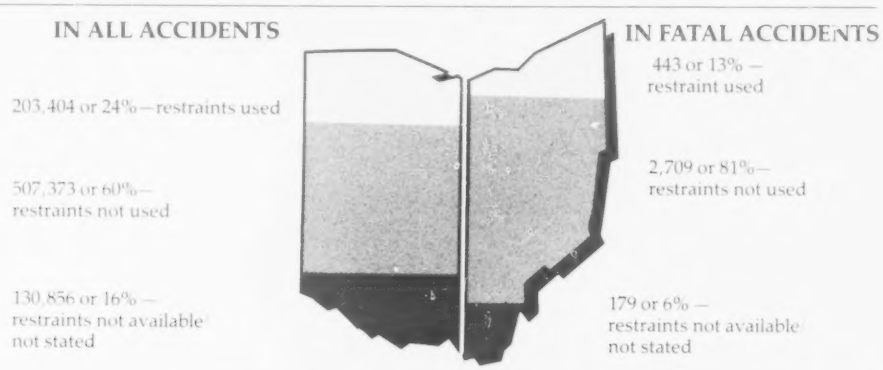
ACCIDENT SEVERITY	ACCIDENTS	ACCIDENTS CAUSED BY TRUCK DRIVERS	%
Fatal Accidents	448	223	50%
Injury Accidents	28,849	16,640	58%
Property Damage Only Accidents	74,684	42,892	57%
Total Accidents	103,981	59,755	57%
Deaths	499	248	50%
Injuries	46,901	25,815	55%

Tractor Trailer Truck Crashes

ACCIDENT SEVERITY	ACCIDENTS	ACCIDENTS CAUSED BY TRUCK DRIVERS	%
Fatal Accidents	137	38	28%
Injury Accidents	3,657	2,211	60%
Property Damage Only Accidents	11,029	7,718	70%
Total Accidents	**14,823**	**9,967**	**67%**
Tractor-Trailer Occupant Deaths	19	18	95%
Other Deaths*	137	25	18%
Total Deaths	**156**	**43**	**28%**
Tractor-Trailer Occupant Injuries	1,683	1,220	72%
Other Injuries*	3,753	1,891	50%
Total Injuries	**5,436**	**3,111**	**57%**

* Other deaths and injuries includes occupants in vehicles other than tractor trailer trucks, and pedestrians

Restraint Use of Passenger Car/Truck Occupants


IN ALL ACCIDENTS
203,404 or 24% — restraints used
507,373 or 60% — restraints not used
130,856 or 16% — restraints not available/ not stated
IN FATAL ACCIDENTS
443 or 13% — restraint used
2,709 or 81% — restraints not used
179 or 6% — restraints not available/ not stated

Restraint Use of Passenger Car/Truck Occupants By Age

	KILLED			INJURED		
AGE	USED	NOT USED	% USED	USED	NOT USED	% USED
0-5	8	11	42%	3,153	1,419	69%
6-10	4	7	36%	1,806	1,630	53%
11-15	3	35	8%	2,057	,3,138	40%
16-20	26	234	10%	14,349	17,248	45%
21-25	27	207	12%	13,008	11,782	52%
26-30	19	125	13%	10,975	8,226	57%
31-35	11	75	13%	8,748	5,699	61%
36-40	17	58	23%	7,159	4,496	61%
41-45	6	36	14%	5,148	3,153	62%
46-50	8	37	18%	4,038	2,300	64%
51-55	10	25	29%	3,561	1,949	65%
56-60	10	29	26%	3,603	1,782	67%
61-65	11	30	27%	3,139	1,516	67%
66-70	9	20	31%	2,345	1,072	69%
71-75	8	18	31%	1,616	809	67%
76 & Over	22	54	29%	1,789	897	67%
Not Stated	0	0	0%	1,249	1,003	55%
TOTAL*	199	1,001	17%	87,743	68,119	56%

* Note: Totals include only those people who were known to have had a restraint available. Excludes not stated/ not available

Restraint Use of Truck Occupants By Age

	KILLED			INJURED		
AGE	USED	NOT USED	% USED	USED	NOT USED	% USED
0-5	0	0	0%	268	178	60%
6-10	1	2	33%	152	176	46%
11-15	0	4	0%	157	301	34%
16-20	2	16	11%	1,111	1,483	43%
21-25	2	22	8%	1,463	1,568	48%
26-30	1	19	5%	1,558	1,381	53%
31-35	2	12	14%	1,251	971	56%
36-40	3	12	20%	1,072	708	60%
41-45	0	7	0%	786	574	58%
46-50	1	10	9%	628	384	62%
51-55	3	4	43%	520	344	60%
56-60	1	3	25%	451	248	65%
61-65	0	6	0%	317	157	67%
66-70	2	4	33%	193	91	68%
71-75	0	1	0%	97	52	65%
76 & Over	0	4	0%	74	61	55%
Not Stated	0	0	0%	129	132	49%
TOTAL*	18	126	13%	10,227	8,809	57%

* Note: Totals include only those people who were known to have had a restraint available. Excludes not stated, not available

Restraint Use of Passenger Car Occupants By Age

	KILLED			INJURED		
AGE	USED	NOT USED	% USED	USED	NOT USED	% USED
0-5	8	11	42%	2,885	1,241	70%
6-10	3	5	38%	1,654	1,454	53%
11-15	3	31	9%	1,900	2,837	40%
16-20	24	218	10%	13,238	15,765	46%
21-25	25	185	12%	11,545	10,214	53%
26-30	18	106	15%	9,417	6,845	58%
31-35	9	63	13%	7,497	4,728	61%
36-40	14	46	23%	6,087	3,788	62%
41-45	6	29	17%	4,362	2,579	63%
46-50	7	27	21%	3,410	1,916	64%
51-55	7	21	25%	3,041	1,605	65%
56-60	9	26	26%	3,152	1,534	67%
61-65	11	24	31%	2,822	1,359	67%
66-70	7	16	30%	2,152	981	69%
71-75	8	17	32%	1,519	757	67%
76 & Over	22	50	31%	1,715	836	67%
Not Stated	0	0	0	1,120	871	56%
TOTAL*	181	875	17%	77,516	59,310	57%

* Note: Totals include only those people who were known to have had a restraint available. Excludes not stated, not available

Restraint Use of Passenger Car/Truck Occupants By Sex

		MALE	FEMALE	NOT STATED	TOTAL
Killed:	Used	118	81	0	199
	Not used	718	283	0	1,001
	Not available/not stated	19	6	0	25
	TOTAL	855	370	0	1,225
Injured:	Used	43,507	42,956	1,280	87,743
	Not Used	36,522	30,285	1,312	68,119
	Not available/not stated	9,403	7,141	903	17,447
	TOTAL	89,432	80,382	3,495	173,309
Not Injured:	Used	216,285	146,747	4,808	367,840
	Not used	109,548	63,756	5,028	178,332
	Not available/not stated	34,731	17,466	62,824	115,021
	TOTAL	360,564	227,969	72,660	661,193
Total	Used	259,910	189,784	6,088	455,782
	Not used	146,788	94,324	6,340	247,452
	Not available/not stated	44,153	24,613	63,727	132,493
	TOTAL	450,851	308,721	76,155	835,727
Percent of Total:	Used	58%	61%	8%	55%
	Not used	33%	31%	8%	30%
	Not available/not stated	10%	8%	84%	16%
	TOTAL	100%	100%	100%	100%

The department's hotline handled 15,658 inquiries regarding the safety belt law between July 4 and December 31, 1986. Most of these inquiries were from motorists who violated the safety belt law and opted to view an educational safety belt film rather than paying the fine.

Restraint Use of Truck Occupants In All Crashes By Type of Truck

RESTRAINT USE	KILLED	%	INJURED	%	NOT INJURED	%	TOTAL	%
PICKUP								
Used	8	8%	5,954	45%	31,127	50%	37,089	49%
Not Used	81	85%	5,769	44%	18,851	31%	24,701	33%
Not Available/Not Stated	6	6%	1,463	11%	11,679	19%	13,148	18%
TOTAL	95	100%	13,186	100%	61,657	100%	74,938	100%
PANEL/VAN								
Used	4	15%	2,680	50%	15,328	54%	18,012	54%
Not Used	19	70%	1,845	35%	7,075	25%	8,939	27%
Not Available/Not Stated	4	15%	797	15%	5,880	21%	6,681	20%
TOTAL	27	100%	5,322	100%	28,283	100%	33,632	100%
STRAIGHT TRUCK								
Used	2	14%	642	42%	6,053	43%	6,697	43%
Not Used	11	79%	638	41%	4,544	32%	5,193	33%
Not Available/Not Stated	1	7%	265	17%	3,514	25%	3,780	24%
TOTAL	14	100%	1,545	100%	14,111	100%	15,670	100%
TRACTOR TRAILER								
Used	4	21%	951	57%	8,417	56%	9,372	56%
Not Used	15	79%	557	33%	3,343	22%	3,915	24%
Not Available/Not Stated	0	0%	172	10%	3,172	21%	3,344	20%
TOTAL	19	100%	1,680	100%	14,932	100%	16,631	100%
Used	18	12%	10,227	47%	60,925	51%	71,170	51%
Not Used	126	81%	8,809	41%	33,813	28%	42,748	30%
Not Available/Not Stated	11	7%	2,697	12%	24,245	20%	26,953	19%
TOTAL	155	100%	21,733	100%	118,983	100%	140,871	100%

Restraint Use of Truck Occupants In Fatal Crashes By Type of Truck

RESTRAINT USE	KILLED	%	INJURED	%	NOT INJURED	%	TOTAL	%
PICKUP								
Used	8	8%	26	17%	32	41%	66	20%
Not Used	81	85%	114	75%	33	42%	228	70%
Not Available/Not Stated	6	6%	12	8%	14	18%	32	10%
TOTAL	95	100%	152	100%	79	100%	326	100%
PANEL/VAN								
Used	4	15%	13	20%	8	36%	25	22%
Not Used	19	70%	41	64%	14	64%	74	65%
Not Available/Not Stated	4	15%	10	16%	0	0%	14	12%
TOTAL	27	100%	64	100%	22	100%	113	100%
STRAIGHT TRUCK								
Used	2	14%	7	21%	10	24%	19	21%
Not Used	11	79%	25	74%	26	63%	62	70%
Not Available/Not Stated	1	7%	2	6%	5	12%	8	9%
TOTAL	14	100%	34	100%	41	100%	89	100%
TRACTOR TRAILER								
Used	4	21%	29	49%	49	56%	82	50%
Not Used	15	79%	29	49%	33	38%	77	47%
Not Available/Not Stated	0	0%	1	2%	5	6%	6	4%
TOTAL	19	100%	59	100%	87	100%	165	100%
Used	18	12%	75	24%	99	43%	192	28%
Not Used	126	81%	209	68%	106	46%	441	64%
Not Available/Not Stated	11	7%	25	8%	24	11%	60	9%
TOTAL	155	100%	309	100%	229	100%	693	100%

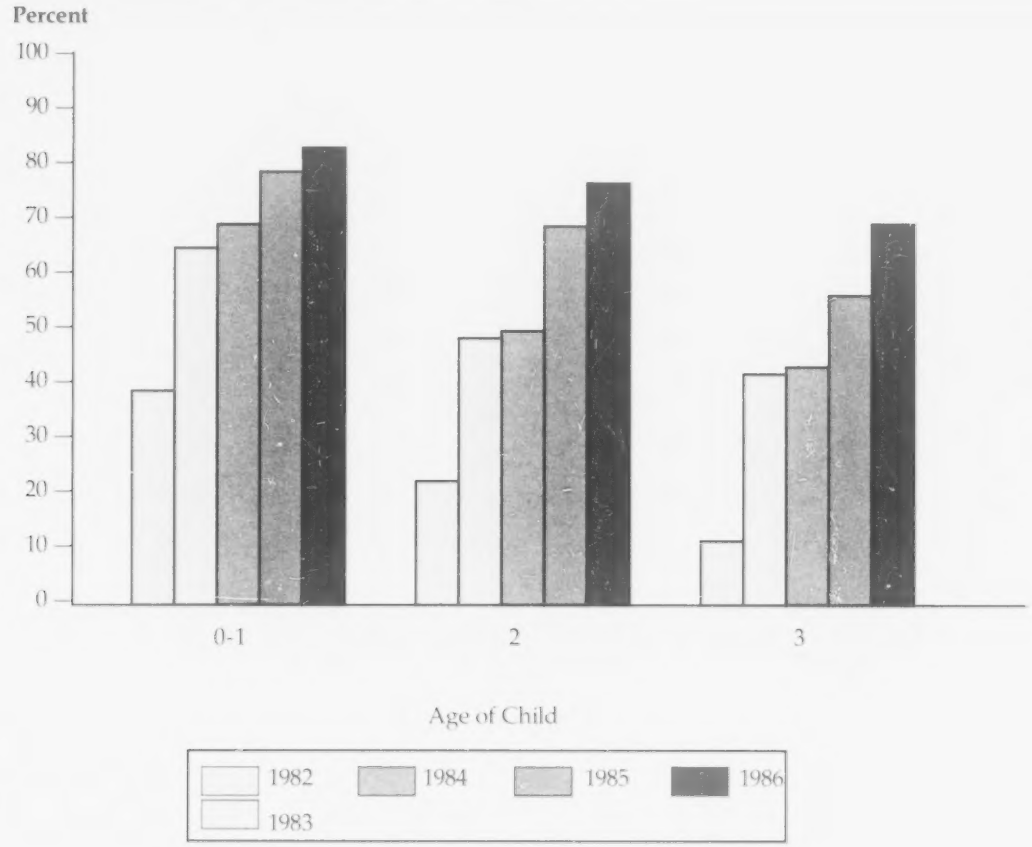
Restraint Use of Passenger Car Occupants In All Crashes By Car Size

RESTRAINT USE	KILLED	%	INJURED	%	NOT INJURED	%	TOTAL	%
SUBCOMPACT:								
Used	27	22%	7,440	52%	25,211	60%	32,678	58%
Not Used	96	78%	5,580	39%	10,580	25%	16,256	29%
Not Available/Not Stated	0	0%	1,174	8%	5,998	14%	7,172	13%
TOTAL	123	100%	14,194	100%	41,789	100%	56,106	100%
COMPACT:								
Used	55	18%	23,374	53%	84,853	60%	108,282	58%
Not Used	253	82%	17,143	39%	35,545	25%	52,941	29%
Not Available/Not Stated	2	1%	3,788	9%	20,881	15%	24,671	13%
TOTAL	310	100%	44,305	100%	141,279	100%	185,894	100%
MID-SIZE								
Used	61	16%	25,822	51%	104,076	56%	129,959	55%
Not Used	309	82%	20,199	40%	50,460	27%	70,968	30%
Not Available/Not Stated	6	2%	4,968	10%	31,341	17%	36,315	15%
TOTAL	376	100%	50,989	100%	185,877	100%	237,242	100%
FULL-SIZE								
Used	38	15%	20,880	50%	92,775	54%	113,693	53%
Not Used	217	83%	16,388	39%	47,934	28%	64,539	30%
Not Available/Not Stated	6	2%	4,820	11%	32,556	19%	37,382	17%
TOTAL	261	100%	42,088	100%	173,265	100%	215,614	100%
Used	181	17%	77,516	51%	306,915	57%	384,612	55%
Not Used	875	82%	59,310	39%	144,519	27%	204,704	29%
Not Available/Not Stated	14	1%	14,750	10%	90,776	17%	105,540	15%
TOTAL	1,070	100%	151,576	100%	542,210	100%	694,856	100%

Restraint Use of Passenger Car Occupants In Fatal Crashes By Car Size

RESTRAINT USE	KILLED	%	INJURED	%	NOT INJURED	%	TOTAL	%
SUBCOMPACT:								
Used	27	22%	36	42%	6	55%	69	31%
Not Used	96	78%	50	58%	3	27%	149	68%
Not Available/Not Stated	0	0%	0	0%	2	18%	2	1%
TOTAL	123	100%	86	100%	11	100%	220	100%
COMPACT:								
Used	55	18%	87	34%	39	47%	181	28%
Not Used	253	82%	170	66%	42	51%	465	71%
Not Available/Not Stated	2	1%	2	1%	2	2%	6	1%
TOTAL	310	100%	259	100%	83	100%	652	100%
MID-SIZE:								
Used	61	16%	113	27%	71	46%	245	26%
Not Used	309	82%	293	71%	76	50%	678	72%
Not Available/Not Stated	6	2%	8	2%	6	4%	20	2%
TOTAL	376	100%	414	100%	153	100%	943	100%
FULL-SIZE:								
Used	38	15%	97	30%	76	48%	211	28%
Not Used	217	83%	220	67%	78	49%	515	69%
Not Available/Not Stated	6	2%	11	3%	4	3%	21	3%
TOTAL	261	100%	328	100%	158	100%	747	100%
Used	181	17%	333	31%	192	47%	706	28%
Not Used	875	82%	733	67%	199	49%	1,807	71%
Not Available/Not Stated	14	1%	21	2%	14	3%	49	2%
TOTAL	1,070	100%	1,087	100%	405	100%	2,562	100%

Percent of Children Restrained Since 1982



Child Restraint Use By Age and Injury

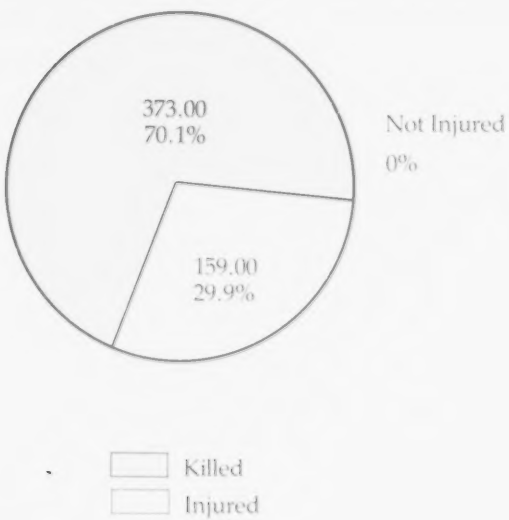
		1984			1985			1986		
INJURY SEVERITY	AGE	TOTAL KIDS	RESTRAINTS USED	% USED	TOTAL KIDS	RESTRAINTS USED	% USED	TOTAL KIDS	RESTRAINTS USED	% USED
Killed	1	5	3	60	11	3	27	11	5	45
	2	4	2	50	8	2	25	3	1	33
	3	4	2	50	6	1	17	1	1	100
TOTALS	**1-3**	**13**	**7**	**54**	**25**	**6**	**24**	**15**	**7**	**47**
Injured	1	1,264	798	63	1,255	872	69	1,307	986	75
	2	830	372	45	816	483	59	809	541	67
	3	860	299	35	900	425	47	938	566	60
TOTALS	**1-3**	**2,954**	**1,469**	**50**	**2,971**	**1,780**	**60**	**3,054**	**2,093**	**69**
Not Injured	1	4,944	3,670	74	5,099	4,155	81	5,195	4,551	88
	2	2,960	1,724	58	3,168	2,276	72	3,216	2,678	83
	3	3,150	1,482	47	3,184	2,126	67	3,252	2,540	78
TOTALS	**1-3**	**11,054**	**6,876**	**62**	**11,451**	**8,557**	**75**	**11,663**	**9,769**	**84**
Totals	1	6,213	4,471	72	6,365	5,030	79	6,513	5,542	85
	2	3,794	2,098	55	3,992	2,761	69	4,028	3,220	80
	3	4,014	1,783	44	4,090	2,552	62	4,191	3,167	74
TOTALS	**1-3**	**14,021**	**8,352**	**60**	**14,447**	**10,343**	**72%**	**14,732**	**11,869**	**81**

Passenger Car/Truck Occupants Ejected In Crashes

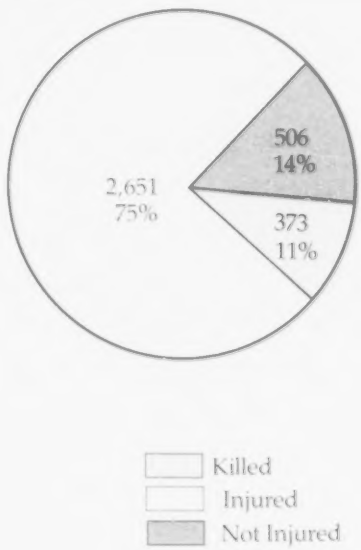
	TOTALLY EJECTED	%	PARTIALLY EJECTED	%	TOTAL	%
IN ALL ACCIDENTS						
Killed	274	11%	99	9%	373	11%
Injured	1,828	75%	823	75%	2,651	75%
Not Injured	332	14%	174	16%	506	14%
TOTAL	2,434	100%	1096	100%	3,530	100%
IN FATAL ACCIDENTS						
Killed	274	66%	99	83%	373	70%
Injured	138	33%	21	17%	159	30%
Not Injured	2	*%	0	0%	2	*%
TOTAL	414	100%	120	100%	534	100%

* Equals less than one-half of one percent.

Vehicle Occupants Ejected in Fatal Crashes



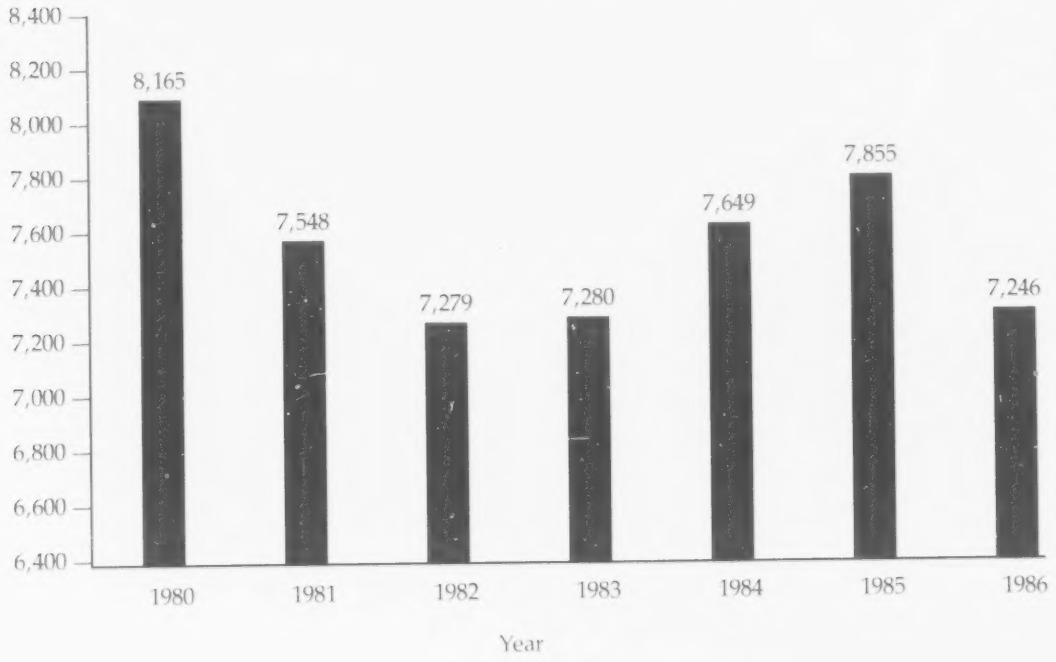
Vehicle Occupants Ejected In All Crashes



Passenger Car/Truck Occupant "Ejection" 1986

INJURY SEVERITY	VEHICLE	NOT EJECTED	PARTIALLY EJECTED	TOTALLY EJECTED	PINNED IN	NOT STATED	INVOLVED
KILLED	Passenger Car:						
	Driver	282	63	138	236	0	719
	Occupant	166	23	78	84	0	351
	Total Killed	448	86	216	320	0	1070
	Truck:						
	Driver	34	9	35	34	0	112
	Occupant	8	4	23	8	0	43
	Total Killed	42	13	58	42		155
Passenger Car/Truck Killed		490	99	274	362	0	1225
INJURED	Passenger Car:						
	Driver	99,522	460	727	1,256	858	102,823
	Occupant	45,549	230	627	477	1,870	48,753
	Total	145,071	690	1,354	1,733	2,728	151,576
	Truck:						
	Driver	15,021	89	224	240	152	15,726
	Occupant	5,415	44	250	69	229	6,007
	Total	20,436	133	474	309	381	21,733
Passenger Car/Truck Injured		165,507	823	1828	2,042	3,109	173,309
NOT INJURED	Passenger Car:						
	Driver	372,868	102	185	226	12649	386,030
	Occupant	118,612	36	74	110	37,348	156,180
	Total	491,480	138	259	336	49,997	542,210
	Truck:						
	Driver	87,434	30	51	53	3847	91,415
	Occupant	20,159	6	22	14	7,367	27,568
	Total	107,593	36	73	67	11,214	118,983
Passenger Car/Truck Not Injured		599,073	174	332	403	61,211	661,193
TOTAL INVOLVED	Passenger Car:						
	Driver	472,672	625	1,050	1,718	13,507	489,572
	Occupant	164,327	289	779	671	39,218	205,284
	Total	636,999	914	1,829	2,389	52,725	694,856
	Truck:						
	Driver	102,489	128	310	327	3,999	107,253
	Occupant	25,582	54	295	91	7,596	33,618
	Total	128,071	182	605	418	11,595	140,871
PASSENGER CAR/TRUCK TOTAL		765,070	1,096	2,434	2,807	64,320	835,727

Crashes Involving Motorcycles: 1980-1986



Age Group of Motorcyclists Killed or Injured

AGE GROUP	KILLED	% OF TOTAL	INJURED	% OF TOTAL
0-15	8	3.8	261	3.8
16-20	20	9.5	1,523	22.2
21-25	71	33.6	1,749	25.5
26-30	45	21.3	1,237	18.0
31-Older	67	31.8	2,029	29.6
Not Stated	0	0.0	63	.9
TOTAL	211	100%	6,862	100%

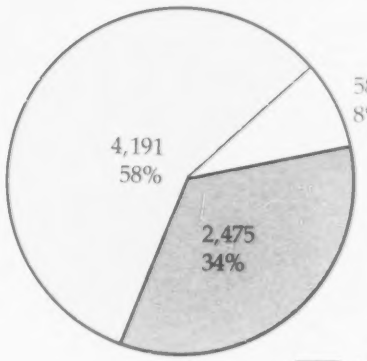
Helmet Use of Motorcyclists Killed or Injured

HELMET USE	TOTAL	KILLED	% OF TOTAL	INJURED	% OF TOTAL	NOT INJURED	% OF TOTAL
Full Cover	1,532	27	12.8	1,273	18.6	232	15.2
Full Face Cover	1,039	27	12.8	851	12.4	161	10.6
Other Type Helmet	114	5	2.4	87	1.3	22	1.5
Total Helmet Used	2,685	59	28.0	2,211	32.2	415	27.3
Helmet Not Used	4,200	152	72.0	3,480	50.7	568	37.3
Helmet Not Stated	1,709	0	0.0	1,171	17.1	538	35.4
TOTAL	8,594	211	100%	6,862	100%	1,521	100%

Single vs. Multi-Vehicle Motorcycle Crashes

Multi-Vehicle
Single-Vehicle

Persons at Fault in Motorcycle Crashes



Motorcycle Drivers
Non-Motor Drivers
Not Stated

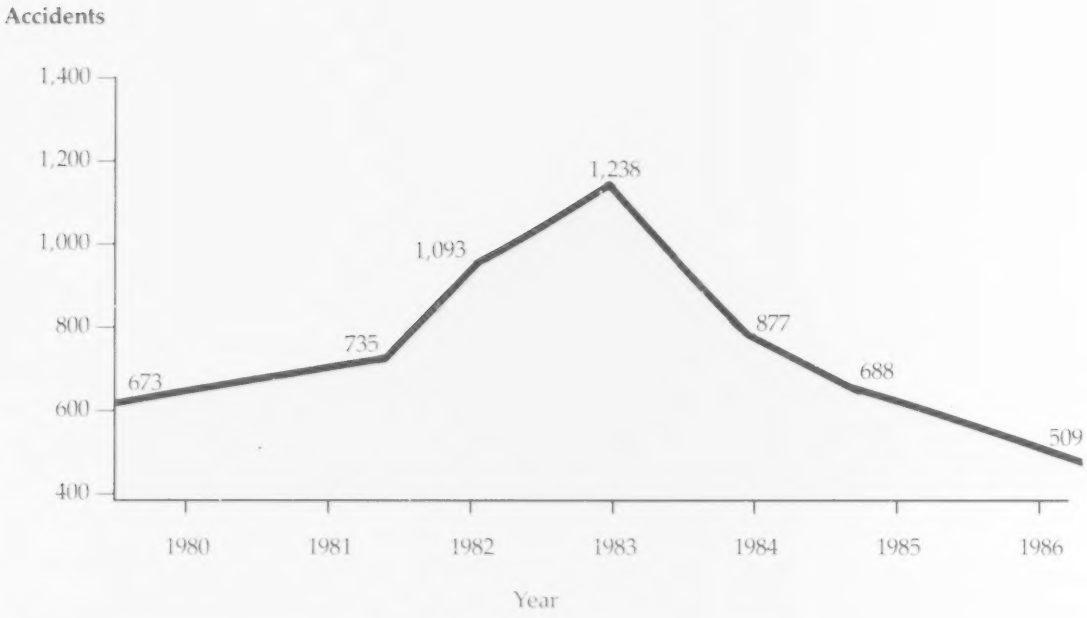
Persons At Fault In Single Motor Vehicle Crashes Involving Motorcycles

AT FAULT	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	PERCENT
DRIVER:				
Motorcycle Driver	90	1,397	189	60.9%
Non-Motorcycle Driver	29	663	140	30.2%
Fault Not Determined	0	134	11	5.3%
NON-DRIVER:				
Pedestrian	0	8	0	0.3%
Animal	0	78	9	3.2%
NOT STATED	0	3	1	0.1%
TOTAL	119	2,283	350	100%

Persons At Fault In Multiple Motor Vehicle Crashes Involving Motorcycles

AT FAULT	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	PERCENT
DRIVER:				
Motorcycle Driver	67	2,102	346	56.0%
Non-Motorcycle Driver	16	1,312	315	36.6%
Fault Not Determined	0	221	49	6.0%
NON-DRIVER:				
Pedestrian	2	21	0	0.5%
Animal	1	35	2	0.8%
NOT STATED	0	5	0	0.1%
TOTAL	86	3,696	712	100%

Crashes Involving Mopeds: 1980-1986

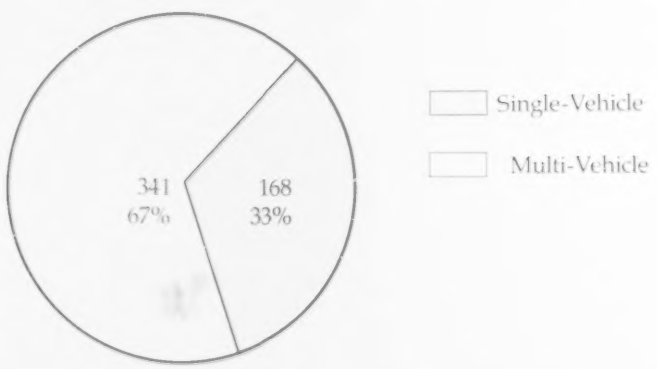


Age of Moped Riders Killed or Injured

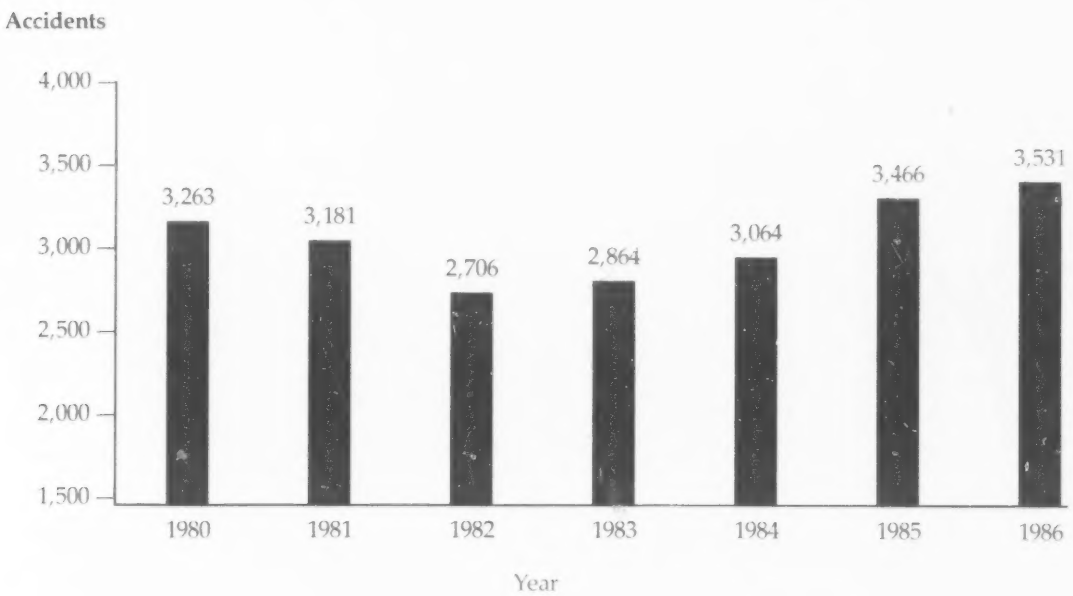
AGE GROUP	KILLED	INJURED	KILLED & INJURED	% OF TOTAL
0-15	2	277	279	63%
16-20	0	86	86	19%
21-Over	3	63	66	15%
Not Stated	0	14	14	3%
TOTAL	5	440	445	100%

Note: 197 or 44% of the 445 riders killed or injured were known to have been wearing a helmet.

Single vs. Multi-Vehicle Moped Crashes



Crashes Involving Bicycles: 1980-1986



Bicycle Injuries By Population Area

AREA	KILLED	INJURED
Cities Over 50,000 Population	9	1,440
Cities of 25,000 To 50,000 Population	3	451
Cities of 10,000 To 25,000 Population	0	543
Cities of 5,000 To 10,000 Population	0	225
Cities of 2,500 To 5,000 Population	0	101
Villages Under 2,500 Population	1	77
Other Rural Roads	23	632
TOTAL	36	3,469

Bicycle Injuries By Light Conditions

AGE GROUP	TOTAL KILLED	DAY	NIGHT	TOTAL INJURED	DAY	NIGHT
0-5	2	2	0	107	101	6
6-10	9	7	2	798	731	66
11-15	15	13	2	1,342	1,139	203
16-20	3	3	0	505	357	147
21-OVER	7	4	3	648	508	140
TOTAL*	36	29	7	3,469	2,893	574

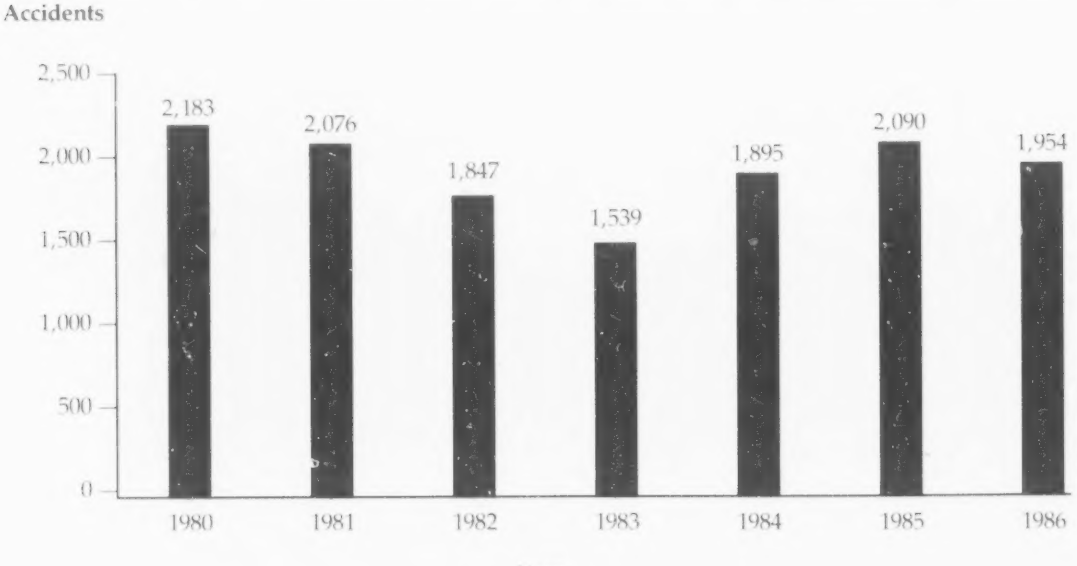
NOTE: Totals include "not stated" category

Crashes, Deaths, and Injuries Involving School Buses

Fatal Accidents		6
Injury Accidents		442
Property Damage Accidents		1,506
TOTAL ACCIDENTS		1,954
Deaths:	Passengers of School Bus	0
	Other Drivers, Passengers, and Pedestrians	388
Injuries:	Passengers of School Bus	7
	Other Drivers, Passengers, and Pedestrians	454

The Highway Patrol's 27 motor vehicle inspection teams inspect 500,000 vehicles every year.

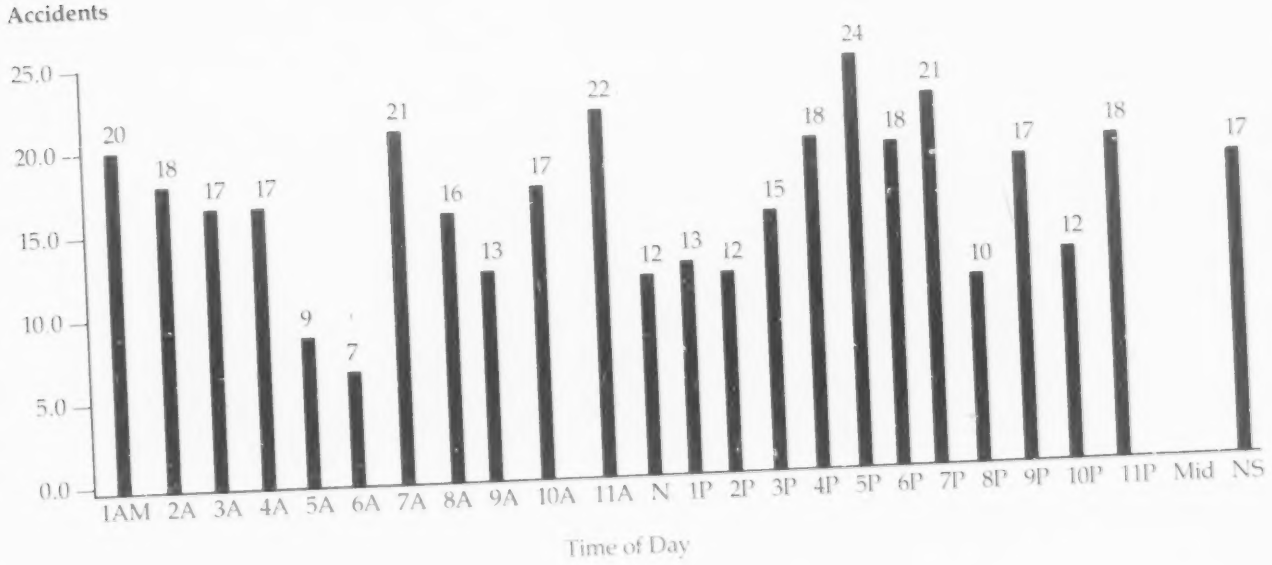
School Bus Crashes: 1980-1986



Motor-Vehicle Train Crashes By Population Area

ACCIDENT SEVERITY	TOTAL	URBAN	% URBAN	RURAL	% RURAL
Fatal	43	13	30%	30	70%
Injury	151	69	46%	82	54%
Property Damage	190	113	59%	77	41%
TOTAL	384	195	51%	189	49%
Deaths	53	15	28%	38	72%
Injuries	209	94	45%	115	55%

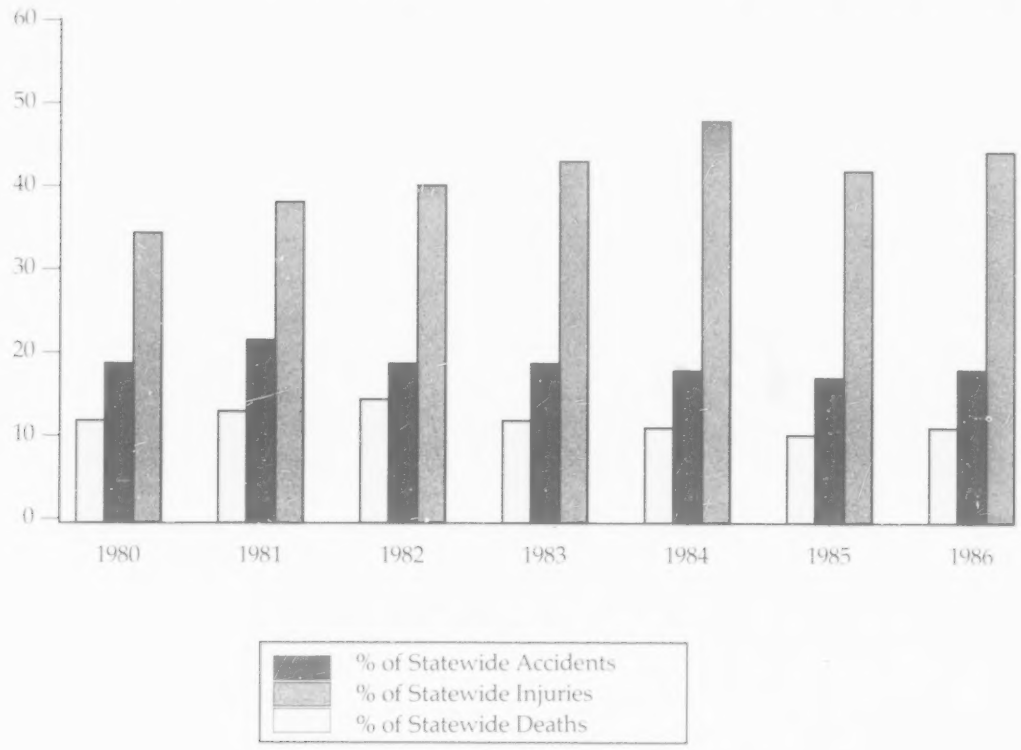
Motor Vehicle/Train Crashes By Time



Vehicle Registrations By County—1986

COUNTY COUNTY	TOTALS	COUNTY	COUNTY TOTALS
Adams	19,645	Licking	120,166
Allen	96,394	Logan	38,891
Ashland	41,996	Lorain	230,636
Ashtabula	87,184	Lucas	381,190
Athens	39,391	Madison	29,443
Auglaize	41,548	Mahoning	220,143
Belmont	63,238	Marion	55,275
Brown	32,398	Medina	113,991
Butler	235,709	Meigs	21,238
Carroll	24,948	Mercer	36,322
Champaign	33,094	Miami	89,317
Clark	128,472	Monroe	14,323
Clermont	131,323	Montgomery	494,410
Clinton	31,522	Morgan	14,066
Columbiana	96,322	Morrow	26,212
Coshocton	32,604	Muskingum	72,800
Crawford	44,007	Noble	10,090
Cuyahoga	1,102,523	Ottawa	39,601
Darke	53,304	Paulding	19,402
Defiance	36,585	Perry	26,229
Delaware	56,900	Pickaway	40,654
Erie	71,012	Pike	20,750
Fairfield	91,070	Portage	128,723
Fayette	25,222	Preble	41,325
Franklin	755,392	Putnam	39,090
Fulton	37,998	Richland	117,613
Gallia	25,624	Ross	58,332
Geauga	74,080	Sandusky	58,200
Greene	118,815	Scioto	66,544
Guernsey	35,121	Seneca	55,498
Hamilton	687,531	Shelby	40,645
Hancock	62,171	Stark	322,270
Hardin	26,515	Summit	446,470
Harrison	15,614	Trumbull	212,268
Henry	27,384	Tuscarawas	79,480
Highland	32,123	Union	32,031
Hocking	22,251	Van Wert	29,676
Holmes	20,902	Vinton	10,704
Huron	51,961	Warren	99,299
Jackson	25,371	Washington	58,084
Jefferson	69,726	Wayne	87,874
Knox	41,280	Williams	35,446
Lake	202,676	Wood	95,741
Lawrence	53,010	Wyandot	25,205
		TOTAL	9,257,623

Alcohol-Related Crashes, Deaths, and Injuries



Alcohol Related Crashes, Deaths, and Injuries By Month

MONTH	ACCIDENTS	% OF ACCIDENTS	DEATHS	% OF DEATHS	INJURIES	% OF INJURIES
January	2,618	7%	40	5%	1,938	6%
February	2,691	7%	39	5%	1,900	6%
March	3,004	8%	56	7%	2,373	8%
April	3,015	8%	66	8%	2,556	8%
May	3,263	9%	79	10%	2,728	9%
June	3,353	9%	77	10%	2,892	9%
July	3,247	9%	81	10%	2,831	9%
August	3,559	9%	106	13%	2,942	10%
September	3,154	8%	71	9%	2,581	8%
October	3,573	9%	69	9%	2,695	9%
November	3,376	9%	64	8%	2,688	9%
December	3,199	8%	61	8%	2,453	8%
TOTAL	38,052	100%	809	100%	30,577	100%

Alcohol Related Crashes By County

COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	DEATHS	INJURIES
Adams	93	3	50	40	3	85
Allen	435	9	200	226	10	322
Ashland	169	2	83	84	3	145
Ashtabula	437	15	223	199	16	363
Athens	203	5	113	85	5	188
Auglaize	147	4	77	66	4	113
Belmont	294	6	145	143	6	227
Brown	194	4	72	118	4	124
Butler	1,069	22	533	514	32	857
Carroll	69	1	39	29	1	64
Champaign	109	4	49	56	4	81
Clark	629	7	303	319	10	495
Clermont	655	12	329	314	15	563
Clinton	146	4	72	70	4	111
Columbiana	403	12	214	177	12	314
Coshocton	85	1	43	41	1	62
Crawford	119	3	65	51	4	97
Cuyahoga	4,698	75	2,441	2,182	82	4,362
Darke	172	4	83	85	8	127
Defiance	179	5	87	87	6	127
Delaware	258	8	130	120	8	209
Erie	379	9	184	186	9	302
Fairfield	277	2	126	149	2	204
Fayette	95	3	46	46	3	54
Franklin	3,267	51	1,470	1,746	53	2,267
Fulton	146	2	76	68	2	115
Gallia	84	1	39	44	1	64
Geauga	272	9	138	125	12	199
Greene	453	11	218	224	15	347
Guernsey	168	4	82	82	5	129
Hamilton	2,645	31	1,150	1,464	34	1,784
Hancock	221	9	104	108	11	151
Hardin	110	1	49	60	1	61
Harrison	66	2	33	31	2	45
Henry	41	1	15	25	1	25
Highland	127	6	80	41	6	135
Hocking	112	2	57	53	3	90
Holmes	81	2	35	44	2	60
Huron	199	1	114	84	1	176
Jackson	133	3	56	74	3	98
Jefferson	225	1	128	96	1	191
Knox	124	0	68	56	0	98
Lake	672	12	311	349	14	491
Lawrence	191	3	86	102	3	139
Licking	460	5	250	205	6	409

Alcohol Related Crashes By County

COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	DEATHS	INJURIES
Logan	168	2	74	92	5	120
Lorain	934	15	460	459	18	712
Lucas	1,847	29	928	890	31	1,588
Madison	143	5	69	69	6	107
Mahoning	822	21	435	366	24	783
Marion	217	9	110	98	10	181
Medina	476	11	244	221	11	378
Meigs	63	1	33	29	1	57
Mercer	77	1	43	33	1	77
Miami	369	6	161	202	6	258
Monroe	38	1	24	13	2	28
Montgomery	2,061	33	1,088	940	36	1,748
Morgan	35	0	17	18	0	29
Morrow	91	2	48	41	2	77
Muskingum	288	4	147	137	9	229
Noble	36	1	26	9	1	41
Ottawa	144	2	86	56	2	125
Paulding	67	1	38	28	1	55
Perry	112	8	50	54	8	82
Pickaway	165	8	99	58	10	174
Pike	132	2	71	59	2	110
Portage	651	16	341	294	16	521
Preble	164	2	74	88	2	109
Putnam	103	2	52	49	2	81
Richland	589	7	318	264	8	458
Ross	261	4	137	120	4	228
Sandusky	281	6	142	133	6	209
Scioto	289	7	138	144	7	225
Seneca	206	2	114	90	2	174
Shelby	82	4	35	43	4	53
Stark	1,255	26	627	602	33	978
Summit	1,944	32	965	947	36	1,569
Trumbull	818	11	473	334	11	779
Tuscarawas	308	5	160	143	5	229
Union	128	5	60	63	7	92
Van Wert	75	1	39	35	1	57
Vinton	42	1	16	25	1	18
Warren	437	14	228	195	14	371
Washington	200	8	105	87	9	154
Wayne	246	7	115	124	9	192
Williams	128	5	66	57	6	106
Wood	372	8	190	174	12	301
Wyandot	76	0	33	43	0	44
STATE TOTAL	38,052	712	18,945	18,395	809	30,577

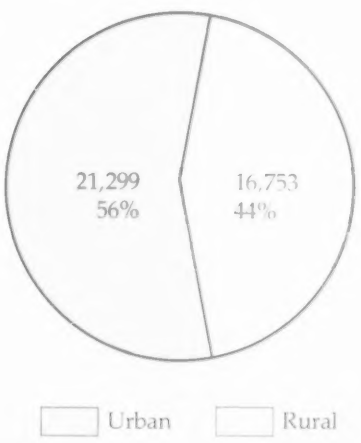
Urban/Rural Breakdown of Injured Persons in Alcohol Related Crashes

	KILLED			INJURED		
POPULATION	TOTAL	ALCOHOL RELATED	% ALCOHOL INVOLVEMENT	TOTAL	ALCOHOL RELATED	% ALCOHOL INVOLVEMENT
Cities over 50,000	317	183	58%	70,462	9,700	14%
Cities 25,000-49,999	67	27	40%	15,687	2,234	14%
Cities 10,000-24,999	108	60	56%	20,147	2,785	14%
Cities 5,000-9,999	45	23	51%	8,429	1,038	12%
Cities 2,500-4,999	31	12	39%	3,969	542	14%
URBAN TOTAL	568	305	54%	118,694	16,299	13.7%
Villages under 2,500	32	14	44%	3,729	680	18%
Rural State Routes	664	292	44%	37,646	6,759	18%
County/Township Roads	409	198	48%	31,895	6,839	21%
RURAL TOTAL	1,105	504	46%	73,270	14,278	19.5%
STATEWIDE TOTAL	1,673	809	48%	191,964	30,577	16%

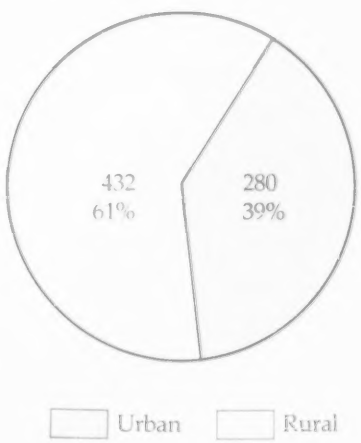
	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ONLY
Total Accidents	369,383	1,503	119,729	248,151
Accidents Involving Alcohol	38,052	712	18,945	18,395
% Alcohol Involvement	10%	47%	16%	7%

Alcohol Involvement in Crashes

Alcohol-Related Accidents By Area
Total: 38,052 Accidents



Alcohol-Related Fatalities by Area
Total: 712 Fatalities

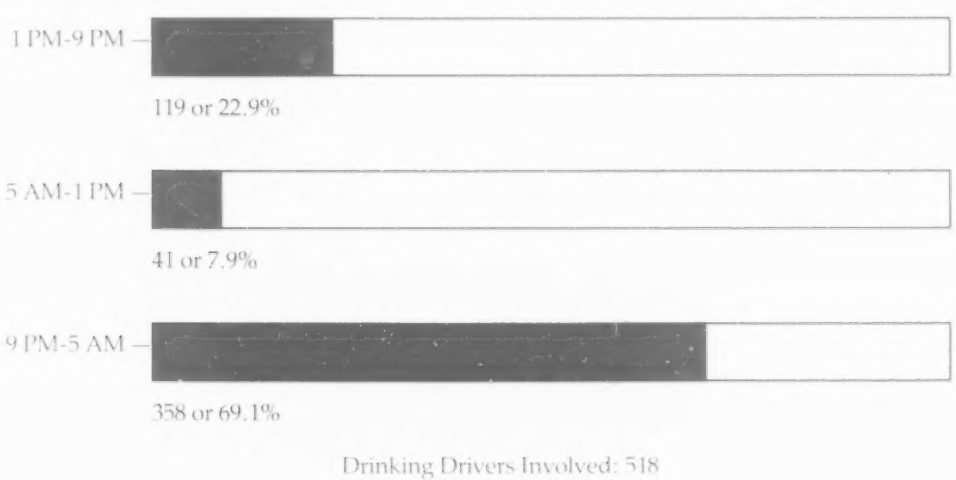


Alcohol Involvement of Drivers In Crashes By Time

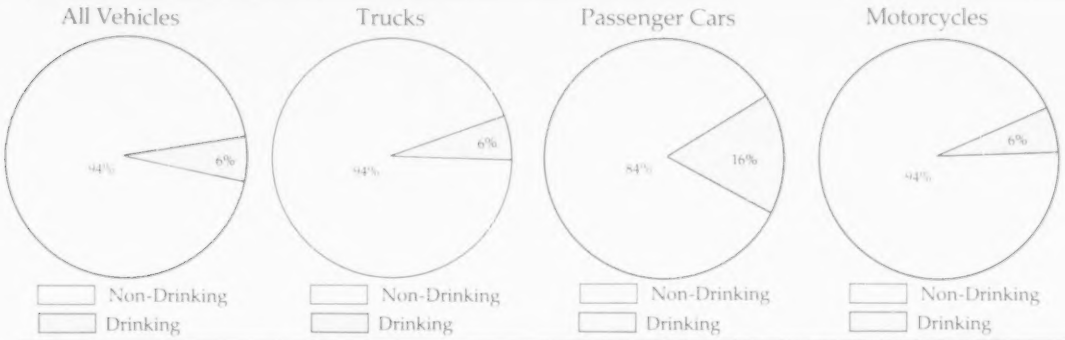
	IN ALL ACCIDENTS			IN FATAL ACCIDENTS			IN INJURY ACCIDENTS		
TIME	ALL DRIVERS	DRIVERS W/ALCOHOL	% OF TOTAL	ALL DRIVERS	DRIVERS W/ALCOHOL	% OF TOTAL	ALL DRIVERS	DRIVERS W/ALCOHOL	% OF TOTAL
9 pm-5 am	88,838	19,066	21.4	585	358	62.9	34,060	9,700	28.2
5am-1 pm	140,260	2,497	1.7	335	41	13.1	44,481	1,150	2.6
1 pm-9 pm	256,964	8,897	3.4	557	119	21.3	86,947	4,053	4.6
TOTAL*	489,575	30,734	6.2%	1,477	518	35.0%	166,621	15,017	9.0%
				MALE DRIVERS**					
9 pm-5 am	57,606	15,109	26.2	459	311	67.7	22,554	7,666	33.9
5 am-1 pm	73,344	1,759	2.3	210	33	15.7	22,616	833	3.6
1 pm-9 pm	271,546	23,721	4.8	376	102	27.1	46,472	3,196	6.8
TOTAL*	271,546	23,721	8.7%	1,045	446	42.6%	91,642	11,695	12.7%
				FEMALE DRIVERS					
9 pm-5 pm	24,481	24,481	14.2	112	46	41.0	9,914	1,907	19.2
5 am-1 pm	62,961	582	0.9	123	8	6.5	20,858	270	1.2
1 pm-9 pm	107,565	1,611	1.4	176	17	9.6	38,155	720	1.8
TOTAL*	195,007	5,671	2.9%	411	71	17.2	68,927	2,897	4.2

* Totals include "time not stated"
* The male and female breakdowns do not include the 39,892 drivers whose sex was not stated.

Alcohol Involvement of Drivers in Fatal Crashes by Time



Alcohol Involvement in Crashes



Drinking Drivers By Type Of Vehicle

	IN ALL ACCIDENTS		IN FATAL ACCIDENTS		IN INJURY ACCIDENTS	
AGE	DRINKING	% ALCOHOL	DRINKING	% ALCOHOL	DRINKING	% ALCOHOL
Cars						
16-25	13,776	8%	288	45%	6,970	11%
26-35	8,692	8%	131	42%	4,355	11%
36-45	3,482	5%	54	33%	1,707	7%
46-55	1,776	4%	19	18%	821	6%
56-65	1,181	3%	16	14%	533	4%
66 & Over	616	2%	5	4%	266	3%
Not Stated	1,136	5%	2	9%	327	6%
TOTAL*	30,734	6%	518	35%	15,017	9%
Trucks						
16-25	1,935	7%	36	31%	923	11%
26-35	2,121	7%	34	22%	1,013	11%
36-45	977	5%	16	18%	475	9%
46-55	464	4%	2	3%	220	6%
56-65	263	3%	2	9%	116	5%
66 & Over	66	2%	1	5%	21	2%
Not Stated	260	4%	0	0%	55	4%
TOTAL*	6,098	6%	91	20%	3,176	9%
Motorcycles						
16-25	512	15%	41	49%	442	15%
26-35	486	22%	47	59%	422	22%
36-45	135	15%	16	52%	109	14%
46-55	23	8%	1	11%	21	9%
56-65	9	9%	0	0%	9	10%
66 & Over	2	6%	0	0%	2	7%
Not Stated	17	9%	0	0%	7	11%
TOTAL*	1,186	16%	106	50%	1,013	17%
All Vehicles						
16-25	16,338	8%	366	43%	8,396	11%
26-35	11,383	8%	212	39%	5,845	11%
36-45	4,638	5%	87	29%	2,313	8%
46-55	2,297	4%	22	13%	1,080	6%
56-65	1,473	3%	19	13%	663	5%
66 & Over	692	2%	6	4%	293	3%
Not Stated	1,780	4%	2	3%	452	5%
TOTAL*	38,719	6%	718	31%	19,114	9%

* Totals include drivers age 15 or under

Summary Of Persons Killed Or Injured in Crashes By The Age Of The Drinking Driver At Fault

	WHO THE DRIVER AT FAULT KILLED					WHO THE DRIVER AT FAULT INJURED				
DRIVER AGE	THEMSELVES	THEIR PASSENGERS	OTHERS	TOTAL	% ALC. DEATHS	THEMSELVES	THEIR PASSENGERS	OTHERS	TOTAL	% ALC. INJURIES
16	1	3	1	5	0.6	198	160	69	427	1.4
17	11	16	2	29	3.6	364	330	139	833	2.7
18	16	12	9	37	4.6	682	453	250	1,385	4.5
19	21	17	8	46	5.7	765	464	260	1,489	4.9
20	20	15	1	36	4.4	700	355	290	1,345	4.4
16-20	69	63	21	153	18.9	2,709	1,762	1,008	5,479	17.9
21	28	18	7	53	6.6	817	392	320	1,529	5.0
22	27	10	8	45	5.6	763	319	335	1,417	4.6
23	27	9	7	43	5.3	738	285	374	1,397	4.6
24	25	12	10	47	5.8	722	284	343	1,349	4.4
25	27	18	9	54	6.7	701	236	352	1,289	4.2
21-25	134	67	41	242	30.0	3,741	1,516	1,724	6,981	22.8
26-30	87	26	20	133	16.5	2,620	786	1,521	4,927	16.1
31-35	48	15	9	72	8.9	1,604	440	943	2,987	9.8
36-40	28	8	15	51	6.3	1,018	259	697	1,974	6.4
41-45	20	4	3	27	3.3	557	126	446	1,129	3.7
46-50	8	0	2	10	1.2	383	61	405	849	2.8
51-55	8	0	0	8	1.0	279	52	280	611	2.0
56-60	7	1	1	9	1.1	237	44	243	524	1.7
61-65	7	0	1	8	1.0	171	28	219	418	1.4
66-70	3	1	0	4	0.5	89	13	124	226	0.7
71-75	2	0	0	2	0.2	55	5	63	123	0.4
76 & Over	0	0	0	0	-0-	32	7	42	81	0.3
26 & Over	218	55	51	324	40.0	7,045	1,821	4,983	13,849	45.3
TOTAL	421	185	113	719	88.9	13,495	5,099	7,715	26,309	86.0

Note: 1. The age of the persons killed or injured is not necessarily the same as the driver at fault.

2. Totals exludes deaths and injuries in accidents where the age of the driver is unknown or under the age of 15.

Pedestrian Alcohol Involvement By Age Group

	IN ALL ACCIDENTS		IN FATAL ACCIDENTS		IN INJURY ACCIDENTS	
AGE	DRINKING	% ALCOHOL	DRINKING	% ALCOHOL	DRINKING	% ALCOHOL
0-15	20	1%	0	0%	20	1%
16-25	165	15%	16	39%	143	14%
26-35	139	19%	16	62%	121	20%
36-45	74	16%	5	28%	33	8%
46-55	40	15%	9	47%	28	13%
56-65	42	14%	11	61%	31	13%
66 & Over	17	5%	4	10%	13	4%
Not Stated	18	7%	0	0%	17	9%
TOTAL*	515	9%	61	31%	443	9%

Pedestrian Alcohol Involvement in Crashes

Pedestrians Killed Or Injured In Alcohol Related Crashes

	KILLED			INJURED		
AGE	TOTAL	ALCOHOL RELATED	%	TOTAL	ALCOHOL RELATED	%
0-15	33	0	0%	1,980	20	1%
16-25	38	14	37%	992	145	15%
26-35	23	15	65%	594	122	21%
36-45	16	4	25%	396	68	17%
46-55	19	9	47%	217	30	14%
56-65	17	10	59%	245	32	13%
66 & Over	38	4	11%	313	13	4%
Not Stated	0	0	0%	175	16	9%
TOTAL	184	56	30%	4,912	446	9%

D.U.I. Profile for First-Time and Previous D.U.I. Offenders for 1986 By Age

AGE	TOTAL DUI	PREVIOUS DUI OFFENDER	PERCENT	FIRST-TIME DUI OFFENDER	PERCENT
16	0	0	0	0	0
17	488	4	.8	484	99.2
18	1,190	30	2.5	1,160	97.5
19	2,226	173	7.8	2,053	92.2
20	2,738	358	13.1	2,380	86.9
16-20	6,642	565	8.5	6,077	91.5
21	3,156	607	19.2	2,549	80.8
22	3,483	867	24.9	2,616	75.1
23	3,602	1,027	28.5	2,575	71.5
24	3,521	1,039	29.5	2,482	70.5
25	3,747	1,233	32.9	2,514	67.1
21-25	17,509	4,773	27.3	12,736	72.7
26	3,422	1,056	30.9	2,366	69.1
27	3,240	1,033	31.9	2,207	68.1
28	3,067	1,020	33.3	2,047	66.7
29	3,006	980	32.6	2,026	67.4
30	2,767	860	31.1	1,907	68.9
26-30	15,502	4,949	31.9	10,553	68.1
31-35	10,096	3,121	30.9	6,975	69.1
36-40	7,059	2,076	29.4	4,983	70.6
41-45	4,581	1,410	30.8	3,171	69.2
46-50	3,085	922	29.9	2,163	70.1
51-55	2,294	631	27.5	1,663	72.5
56-60	1,657	447	27.0	1,210	73.0
61-65	1,067	297	27.8	770	72.2
66-70	488	119	24.4	369	75.6
71-75	178	35	19.7	143	80.3
76-Over	76	11	14.5	65	85.5
TOTAL	70,234	19,356	27.6	50,878	72.4

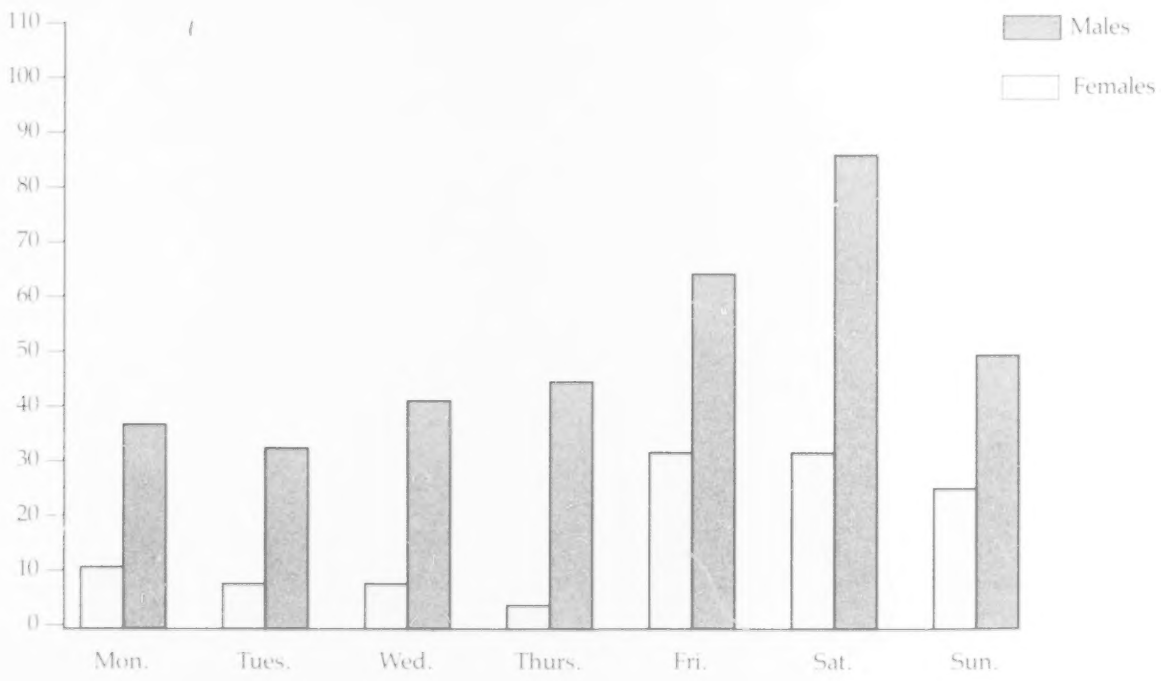
Fifty-six new troopers graduated from the Highway Patrol Academy in 1986.

Blood Alcohol Levels of Drinking Drivers At Fault In Fatal Crashes

AGE	TOTAL DRIVERS	WITH BAC	.01-.04	.05-.09	.10-.14	.15-.19	.20 OR OVER	% WITH BAC .10 OR HIGHER
16	45	2	1	1	0	0	0	0%
17	57	13	3	3	4	1	2	54%
18	51	23	1	4	6	5	7	78%
19	73	31	1	8	7	7	8	71%
20	60	20	2	3	7	3	5	75%
16-20	286	89	8	19	24	16	22	70%
21-25	320	150	9	15	26	51	49	84%
26-30	187	93	2	5	14	25	47	92%
31-35	115	51	3	3	9	12	24	88%
36-40	99	36	1	5	5	5	20	83%
41-45	64	18	2	0	1	4	11	89%
46-50	43	9	1	0	2	2	4	89%
51-55	34	7	0	1	1	1	4	86%
56-60	39	6	1	0	1	1	3	83%
61-65	36	5	0	0	1	2	2	100%
66-70	22	4	1	0	0	1	2	75%
71-75	18	2	0	0	2	0	0	100%
76 & Over	54	0	0	0	0	0	0	54%
TOTAL	1,341*	472	28	48	88	120	188	84%

* Total drivers include 24 drinking drivers at fault where driver age was unknown or age 15 years and younger.

Pedestrian Alcohol Involvement by Day of Week and Sex



D.U.I. Convictions 1984-1986 By Age

AGE	1984	1985	1986	3-YEAR TOTAL
16	96	0	0	96
17	409	388	488	1,285
18	1,113	1,086	1,190	3,389
19	2,214	2,094	2,226	6,534
20	3,091	2,793	2,738	8,622
16-20	6,923	6,361	6,642	19,926
21	3,380	3,358	3,156	9,894
22	3,515	3,477	3,483	10,475
23	3,611	3,475	3,602	10,688
24	3,546	3,568	3,521	10,635
25	3,395	3,358	3,747	10,500
21-25	17,447	17,236	17,509	52,192
26	3,191	3,187	3,422	9,800
27	3,128	3,158	3,240	9,526
28	2,761	3,006	3,067	8,834
29	2,530	2,741	3,006	8,277
30	2,385	2,524	2,767	7,676
26-30	13,995	14,616	15,502	44,113
31-35	8,987	9,734	10,096	28,817
36-40	6365	6720	7,059	20,144
41-45	4,506	4,468	4,581	13,555
46-50	3,259	3,220	3,085	9,564
51-55	2,366	2,335	2,294	6,995
56-60	1,974	1,753	1,657	5,384
61-65	1,085	1,118	1,067	3,270
66-70	489	530	488	1,507
71-75	201	188	178	567
76 & Over	53	61	76	190
TOTAL	67,650	68,340	70,234	206,224

D.U.I. Convictions 1984-1986 By Sex

	MALES		FEMALES		SEX NOT STATED		
YEAR	TOTAL	%	TOTAL	%	TOTAL	%	TOTAL
1984	54,929	81%	8,000	12%	4,721	7%	67,650
1985	55,690	81%	8,063	12%	4,587	7%	68,340
1986	56,923	81%	8,238	12%	5,073	7%	70,234
3-YEAR TOTAL	167,542	81%	24,301	12%	14,381	7%	206,224

D.U.I. Convictions By County 1984-1986

COUNTY	1984	1985	1986	3-YEAR TOTAL	COUNTY	1984	1985	1986	3-YEAR TOTAL
Adams	130	143	149	422	Logan	227	231	181	639
Allen	569	628	631	1,828	Lorain	2,172	2,279	2,226	6,677
Ashland	400	340	345	1,085	Lucas	3,159	2,981	3,092	9,232
Ashtabula	942	1,072	868	2,882	Madison	191	231	382	804
Athens	340	347	414	1,101	Mahoning	956	1,211	1,337	3,504
Auglaize	296	337	314	947	Marion	611	631	567	1,809
Belmont	856	664	589	2,109	Medina	771	982	985	2,738
Brown	543	521	561	1,625	Meigs	268	313	305	886
Butler	2,422	2,312	2,432	7,166	Mercer	194	164	149	507
Carroll	179	132	192	503	Miami	446	573	547	1,566
Champaign	116	132	159	407	Monroe	32	41	43	116
Clark	764	732	742	2,238	Montgomery	2,821	3,042	2,980	8,843
Clermont	1,291	1,315	1,307	3,913	Morgan	25	40	69	134
Clinton	333	361	319	1,013	Morrow	155	184	193	532
Columbiana	729	646	688	2,063	Muskingum	708	600	539	1,847
Coshocton	148	138	198	484	Noble	23	11	20	54
Crawford	479	464	437	1,380	Ottawa	395	374	335	1,104
Cuyahoga	3,802	4,527	5,366	13,695	Paulding	158	174	139	471
Darke	343	347	293	983	Perry	183	138	149	470
Defiance	554	435	349	1,338	Pickaway	400	382	389	1,171
Delaware	489	442	580	1,511	Pike	253	235	186	674
Erie	935	942	926	2,803	Portage	1,192	1,265	1,446	3,903
Fairfield	638	745	538	1,921	Preble	236	249	238	723
Fayette	207	192	148	547	Putnam	126	108	112	346
Franklin	6,014	6,265	6,592	18,871	Richland	736	849	1,076	2,661
Fulton	230	250	281	761	Ross	623	522	477	1,622
Gallia	372	339	318	1,029	Sandusky	870	733	622	2,225
Geauga	564	527	620	1,711	Scioto	747	590	663	2,000
Greene	721	749	791	2,261	Seneca	308	306	433	1,047
Guernsey	556	550	526	1,632	Shelby	264	220	219	703
Hamilton	6,626	6,816	6,957	20,399	Stark	2,002	1,767	1,894	5,663
Hancock	501	471	492	1,464	Summit	2,882	2,934	2,980	8,796
Hardin	110	71	65	246	Trumbull	1,109	1,097	1,133	3,339
Harrison	46	43	40	129	Tuscarawas	505	467	464	1,436
Henry	116	109	131	356	Union	300	217	274	791
Highland	141	143	126	410	Van Wert	165	232	166	563
Hocking	184	187	168	539	Vinton	37	32	32	101
Holmes	158	146	99	403	Warren	939	801	781	2,521
Huron	619	670	726	2,015	Washington	649	655	636	1,940
Jackson	243	160	139	542	Wayne	720	679	706	2,105
Jefferson	209	283	382	874	Williams	277	286	292	855
Knox	181	184	197	562	Wood	808	698	768	2,274
Lake	1,568	1,508	1,415	4,491	Wyandot	281	283	221	785
Lawrence	565	525	514	1,604	TOTAL	67,650	68,340	70,234	206,224
Licking	497	623	664	1,784					

Youthful Drivers In Crashes (1986)

AGE	DRIVERS IN ACCIDENTS	INVOLVED	AT FAULT	% AT FAULT
16	Drivers In Accidents	17,982	12,484	69%
	Drinking Drivers In Accidents	483	424	88%
	Drivers In Fatal Accidents	57	45	79%
	Drinking Drivers In Fatal Accidents	5	5	100%
17	Drivers in Accidents	22,826	14,764	65%
	Drinking Drivers in Accidents	915	813	89%
	Drivers In Fatal Accidents	75	57	76%
	Drinking Drivers In Fatal Accidents	19	18	95%
18	Drivers In Accidents	24,964	15,657	63%
	Drinking Drivers In Accidents	1,668	1,512	91%
	Drivers In Fatal Accidents	70	51	73%
	Drinking Drivers In Fatal Accidents	33	30	91%
19	Drivers In Accidents	23,642	14,070	60%
	Drinking Drivers In Accidents	1,964	1,737	88%
	Drivers In Fatal Accidents	98	72	73%
	Drinking Drivers In Fatal Accidents	41	40	98%
20	Drivers In Accidents	21,761	12,409	57%
	Drinking Drivers In Accidents	1,894	1,665	88%
	Drivers In Fatal Accidents	87	60	69%
	Drinking Drivers In Fatal Accidents	31	29	94%
TOTAL 16-20	Drivers In Accidents	111,175	69,384	62%
	Drinking Drivers In Accidents	6,924	6,151	89%
	Drivers In Fatal Accidents	387	285	74%
	Drinking Drivers In Fatal Accidents	129	122	95%

Note: Drivers ages 16 through 20 account for only 8.2% of all licensed drivers, but comprise 17.6% of all drivers in accidents. 1986 records show that this age group caused 16.8% of all accidents, 19.3% of all deaths, and 21.6% of all injuries.

Motorists who collect 12 points get their license suspended for six months. The BMV maintains these files on shelves at the central office of the BMV. Plans are being made to computerize these files.

Definitions

Accident: An unintended event that produces bodily injury or property damage.

Motor Vehicle Traffic Accident: An occurrence which meets all four of the following requirements:

1. it is an accident
2. it involves a motor vehicle
3. the motor vehicle is in transport
4. it occurs on a road, or occurs after the motor vehicle runs off the road, but before events are stabilized.

Motor Vehicle Traffic Accident Injuries:

1. Fatal injury—an injury that results in death within thirty (30) days after the date of the accident.
2. Serious visible injury—an injury other than fatal that prevents the injured person from working, driving, or continuing normal activities that he (she) was capable of performing prior to the accident.
3. Minor visible injury—an injury, other than a fatal or serious injury, which is evident to the observer at the accident scene.
4. No visible injury—an injury that is not evident to the observer, but is claimed by the person, or suspected because of behavior.

Driver: Any person operating a vehicle, including non-motorized vehicles.

Type of Crash: Describes the first injury or property damage producing event in the series of events which constitutes a motor vehicle traffic accident.

Urban Area: An incorporated city with a population of 2,500 or more.

Rural Area: The area which is not an urban area including villages with a population under 2,500.

Alcohol-Related Accident: An accident in which a vehicle driver or a pedestrian had been drinking.

Drinking Driver or Pedestrian: A person identified as one who had been drinking at the time of the accident regardless of the level of impairment.

Blood Alcohol Test Results (BAC Test): A test to determine the level of alcohol in a person's bloodstream. In Ohio, the legal limit of .10 equals a blood alcohol level of 1 part per thousand.

At Fault: A term which identifies the person, animal, or condition that was the primary cause of a motor vehicle traffic accident.

Acknowledgement

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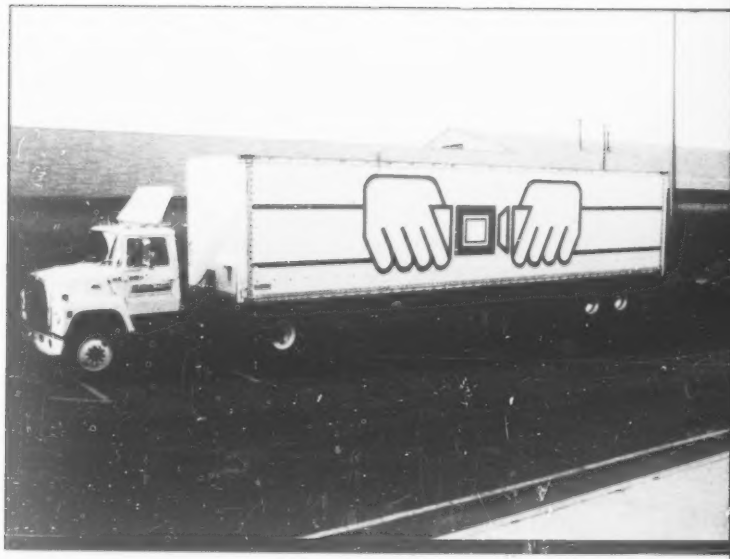

This 18-wheeler caught everyone's attention at the 1986 Governor's Traffic Safety Committee annual conference. The conference focused on the issues facing motor carriers and how the issues contribute to the driving climate of Ohio.

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